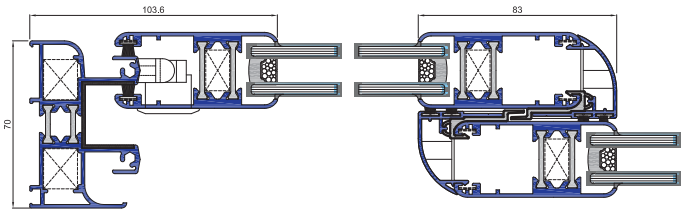
extrugasa

soluciones en aluminio para la arquitectura moderna

Serie L-86 RPT

GRUPO QUINTA

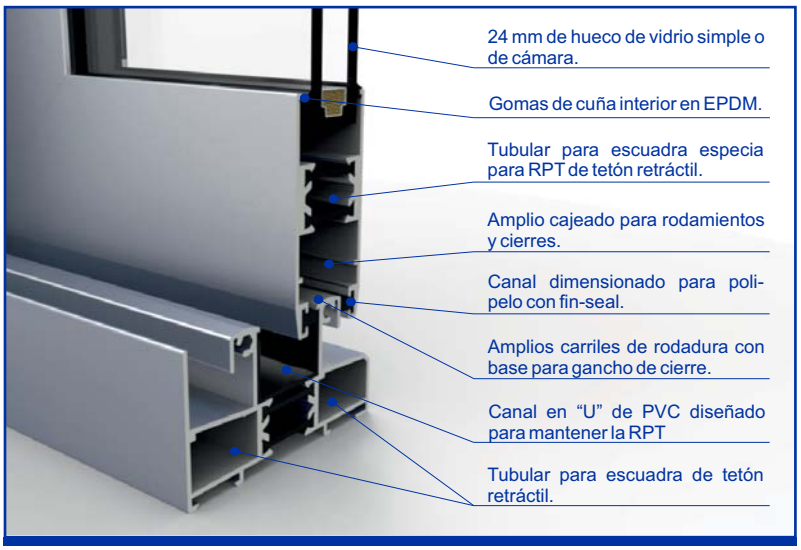
Corredera de corte a 45º, con variable de corte a 90º en marco, de gama media con excelentes prestaciones, por las dimensiones de las hojas y carriles de rodadura anchos, permite carpinterías de dimensiones mayores.
La R.P.T. proporciona un buen comportamiento térmico, a la estanqueidad y buena manejabilidad.
Dispone de variedad de hojas y marcos de diferentes formas y dimensiones, Gracias a los marcos fijos diseñados con las características de la V-8000 de 50, podemos realizar combinaciones con aperturas practicables, con oscilo, travesaño o cualquier diseño posible de la V-8000 de 50.



Geometría serie

Marcos 70, 82,8 y 86,2 mm
Marco tricarril 120 mm
Hojas 31,8 mm
Poliamida marco: 24 o 16 mm
Poliamida hoja: 24 o 12 mm
Espesor 1,5 mm

Acople de 4 hojas
Hojas rectas o redondeadas
Hojas refuerzo
División hojas
Escuadras: tetón retráctil o vértice y alineamiento



Acristalamiento

Vidrios o paneles máximo: 24 mm
Monolítico, doble o triple vidrio.

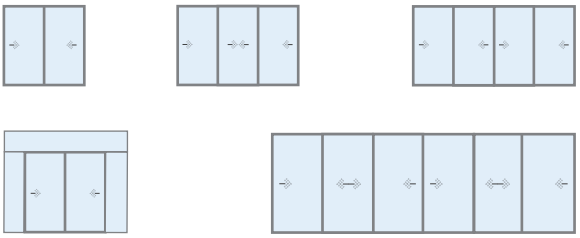
Dimensiones máximas

Ancho = 3200 mm
Alto = 2200 mm

Peso máximo/hoja

kg/hoja

Diseños posibles



ventanas de 2, 3 o 4 hojas en 2 carriles
ventanas de 3 o 6 hojas en 3 carriles
combinación de ventana o balconera con fijos
balconeras con hoja refuerzo

Ficha Técnica

SERIE L-86

ENSAYOS REALIZADOS SIN CAJÓN

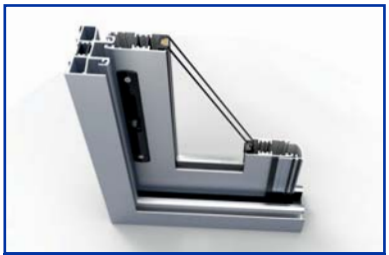
Atenuación acústica:

Ventana de 2 hojas

	Rw A ≤ 2,7 m²	Rw 2,7 m² ≤ A ≤ 3,6 m²	Rw 3,6 m² ≤ A ≤ 4,6 m²	Rw A ≥ 4,6 m²
6-C-6	28 dB	27 dB	26 dB	25 dB
4-C-6 6-C-6 laminado	29 dB	28 dB	27 dB	26 dB
6-C-10 laminado	30 dB	29 dB	28 dB	27 dB

(Ca,Ctr)=(-1,-2) A: Área total de la ventana Rw: Indice de Reducción Sonora Ca: Correción a Ruido Rosa Ctr: Correción a Ruido de Tráfico

Ensayo según norma UNE-EN 14351-1:2006.



Dimensiones máximas ventanas:
ancho L : 3200 mm
alto H : 1600 mm

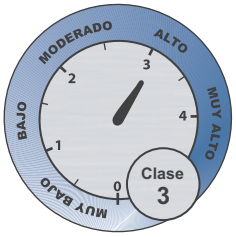
Peso máximo/hoja: 90 kg

Vidrio de espesor máximo: 24 mm

Ensayos de comportamiento a factores externos:

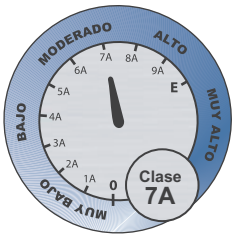
Ensayos de referencia ventana de 2 hojas 1700 x 1400 mm, vidrio 4-12-5

Permeabilidad al Aire



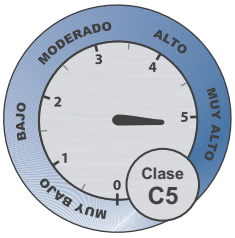
Ensayo según norma UNE-EN 1026:2000
Clasificación según norma UNE-EN 12207:2000

Estanqueidad al Agua



Ensayo según norma UNE-EN 1027:2000
Clasificación según norma UNE-EN 12208:2000

Resistencia al Viento

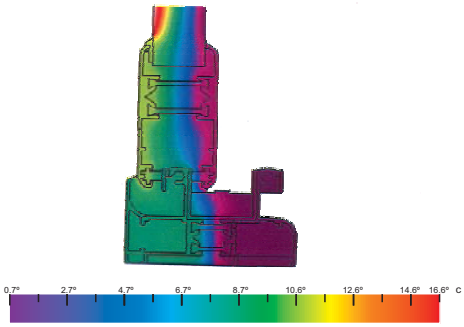


Ensayo según norma UNE-EN 12211:2000
Clasificación según norma UNE-EN 12210:2000
y norma UNE-EN 12210/AC:2000

Transmisión térmica:

Ventana de 2 hojas

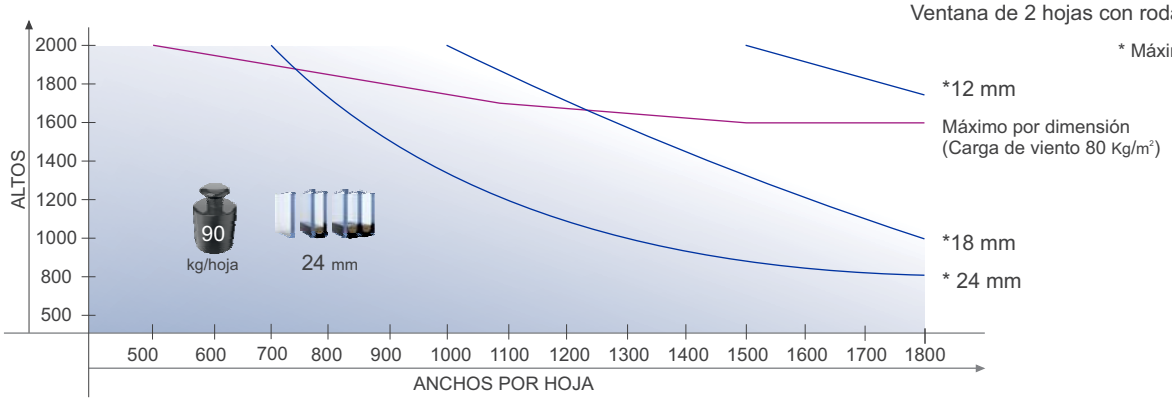
	Ug (W/m²K)	ancho x alto (mm)	Uw (W/m²K)
4-12 aire-5	2,9	1200 x 1200	3,77
		1400 x 1400	3,66
		1700 x 1400	3,58
4-12 aire-6	1,9	1200 x 1200	3,15
		1400 x 1400	2,99
		1700 x 1400	2,88
4-16 argón-6 bajo emisivo	1,1	1200 x 1200	2,65
		1400 x 1400	2,45
		1700 x 1400	2,31



Ensayo según norma UNE-EN ISO 10077-2:2008
y norma UNE-EN ISO 10077:2001.

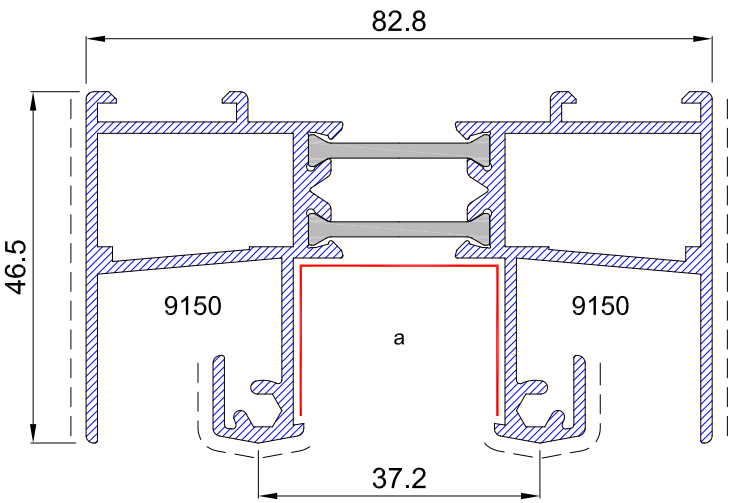
Tabla orientativa de dimensiones en función del peso, dimensión y carga de viento:

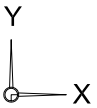
Ventana de 2 hojas con rodamiento tándem



Frames Marcos

R0270	82.8 x 46.5 mm upper frame

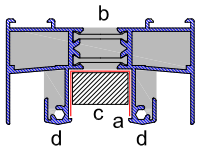




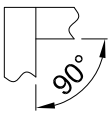
Marco superior de 82.8 x 46.5 mm

Ref.: 9150 / 9150

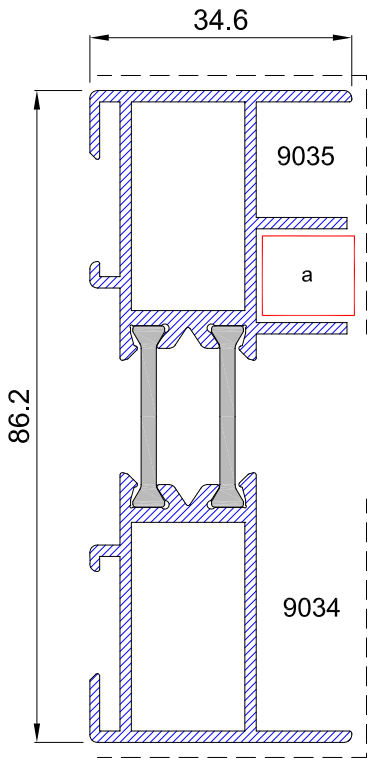
Peso (kg/m):	1.674	Momentos de inercia	
Perímetro (mm):	756	Ix (cm4): 12,34	Iy (cm4): 45,17

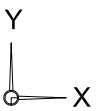


Accesorios	Montaje
a: A497876B (T006)	Manual
b: A497899B	Manual
c: A497911B	Manual
d: Tornillo ∅ 5.5	Maquina / Manual



R0167 (9034/9035)	R0168 (9035/9034)	82.8 x 34.6 mm lateral frame

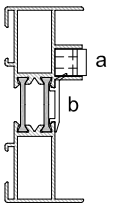




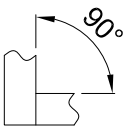
Marco lateral de 82.8 x 34.6 mm

Ref.: 9034 / 9035

Peso (kg/m):	1.280	Momentos de inercia	
Perímetro (mm):	600	Ix (cm4): 38,78	Iy (cm4): 4,05



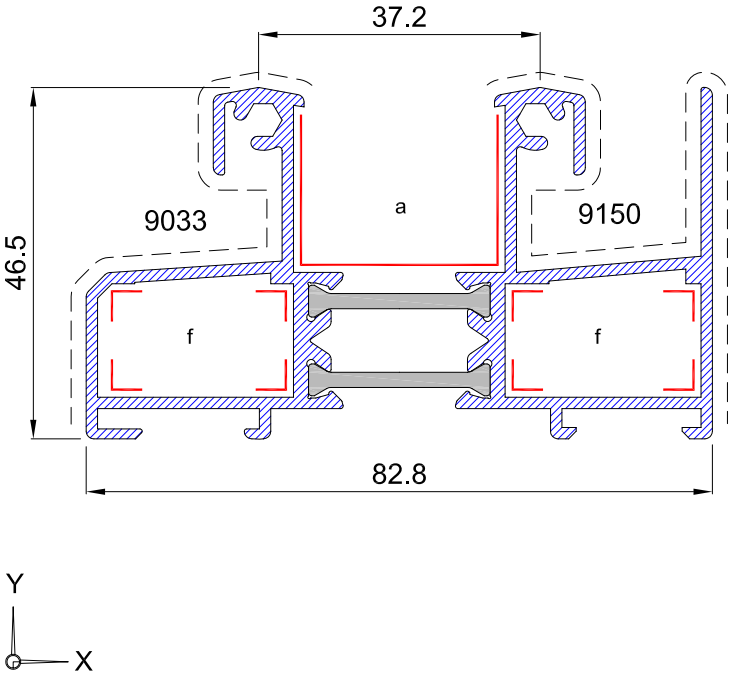
Accesorios	Montaje
a: A497933B (2290111)	Manual
b: A497878B (3974)	Manual



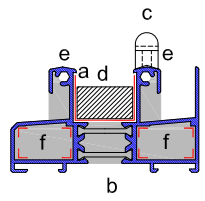
Nota: En ventanas bicolor, marcos laterales distinto perfil exterior.

Extrugasa

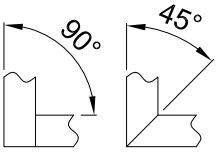
R0163	82.8 x 46.5 mm frame



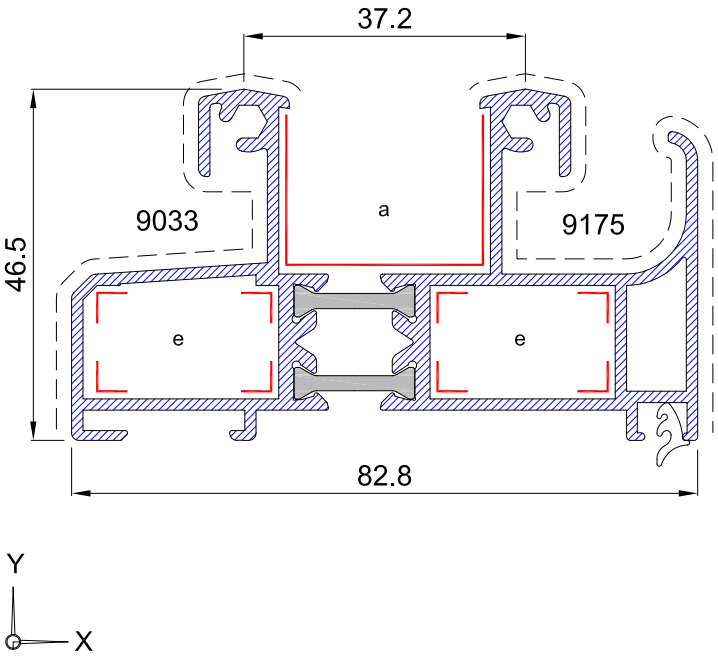
Marco de 82.8 x 46.5 mm			
Ref.: 9033 / 9150			
Peso (kg/m): 1.574	Momentos de inercia		
Perímetro (mm): 712	Ix (cm4): 11,69	Iy (cm4): 38,22	



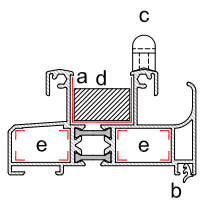
Accesorios	Montaje
a: A497876B (T006)	Manual
b: A497900B	Manual
c: A497968B (2251014)	Manual
d: A497911B	Manual
e: Tornillo ∅ 5.5 (marco a 90°)	Maquina / Manual
f: A400049B	Ver troquel / Manual
f: A497981B (opcional) (26-2414-C)	Ver troquel / Manual



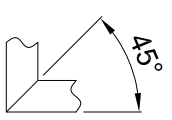
R0165	82.8 x 46.5 mm frame



Marco de 82.8 x 46.5 mm			
Ref.: 9033 / 9175			
Peso (kg/m): 1.669	Momentos de inercia		
Perímetro (mm): 759	Ix (cm4): 11,56	Iy (cm4): 38,57	

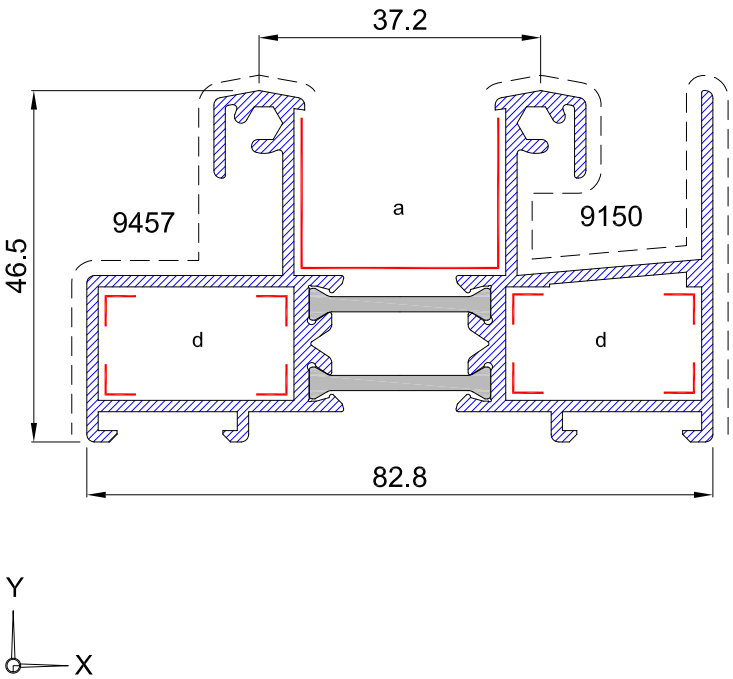


Accesorios	Montaje
a: A497876B (T006)	Manual
b: A497387B (opcional) (E-307/3)	Manual
c: A497968B (2251014)	Manual
d: A497911B	Manual
e: A400049B	Ver troquel / Manual
e: A497981B (opcional) (26-2414-C)	Ver troquel / Manual



Frames Marcos

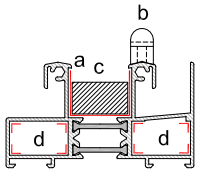
R0513 — 82.8 x 46.5 mm frame



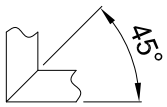
Marco de 82.8 x 46.5 mm

Ref.: 9457 / 9150

Peso (kg/m): 1.561	Momentos de inercia	
Perímetro (mm): 707	Ix (cm4): 11,52	Iy (cm4): 37,97

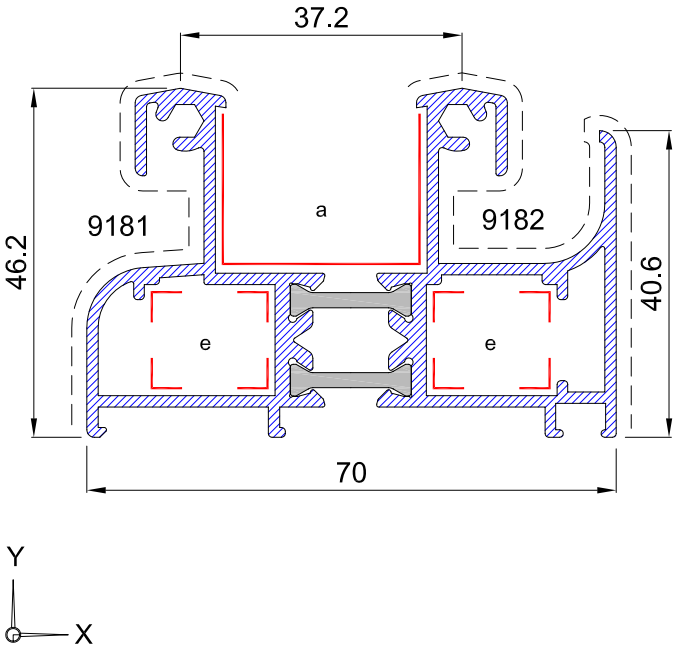


Accesorios	Montaje
a: A497876B (T006)	Manual
b: A497968B (2251014)	Manual
c: A497911B	Manual



Accesorios	Montaje
d: A400049B	Ver troquel / Manual
d: A497981B (opcional) (26-2414-C)	Ver troquel / Manual

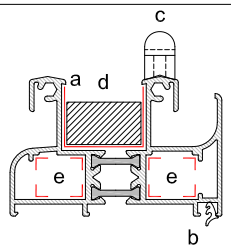
R0295 — 70 x 46.2 mm frame



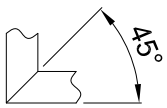
Marco de 70 x 46.2 mm

Ref.: 9181 / 9182

Peso (kg/m): 1.502	Momentos de inercia	
Perímetro (mm): 676	Ix (cm4): 10,42	Iy (cm4): 26,13



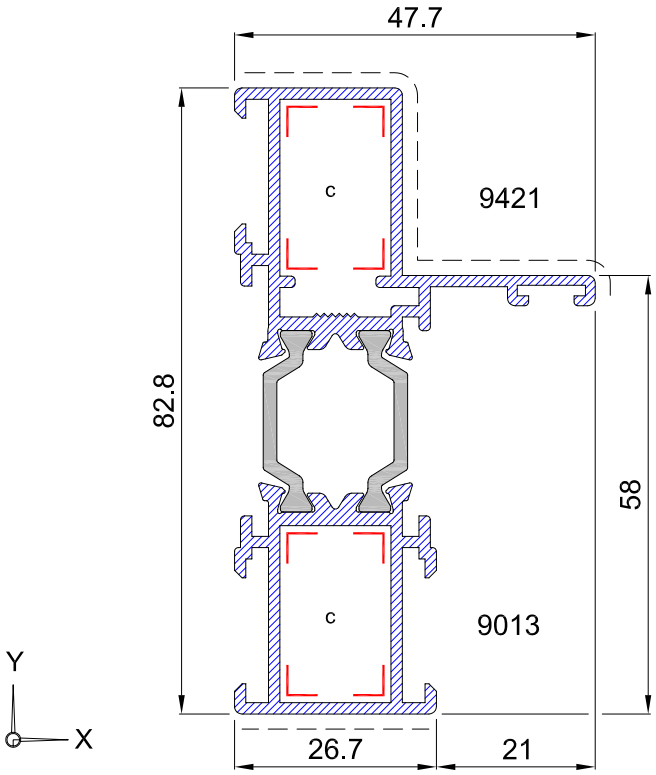
Accesorios	Montaje
a: A497876B (T006)	Manual
b: A497387B (opcional) (E-307/3)	Manual
c: A497968B (2251014)	Manual
d: A497911B	Manual



Accesorios	Montaje
e: A497460B (0427)	Ver troquel / Manual

Marcos — Frames

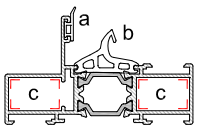
R0443	82.8 x 47.7 mm fixed frame



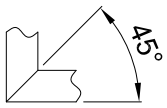
Marco fijo de 82.8 x 47.7 mm

Ref.: 9421 / 9013

Peso (kg/m): 1.280	Momentos de inercia	
Perímetro (mm): 605	Ix (cm4): 30,58	Iy (cm4): 5,35



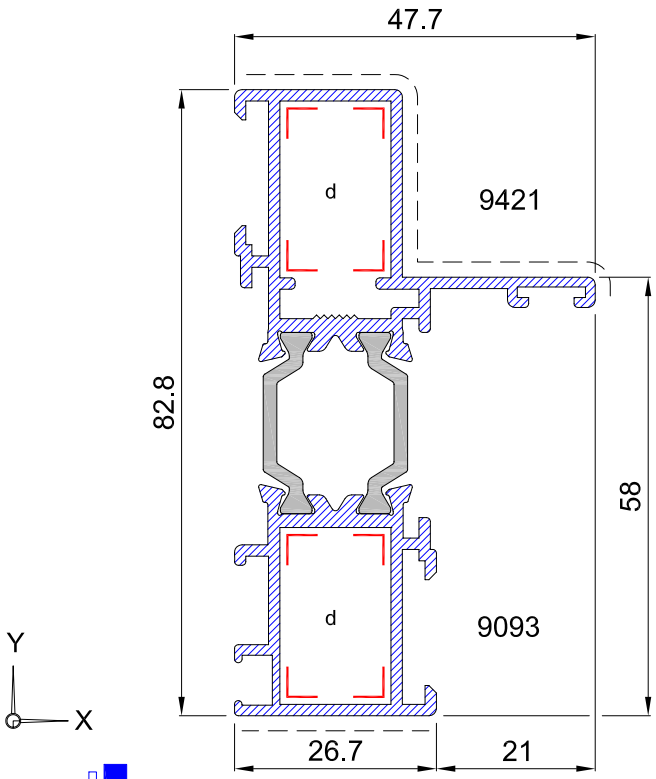
Accesorios	Montaje
a: A497960B (opcional) (E-312)	Maquina / Manual
b: A497056B (opcional) (T-1580)	Maquina / Manual



Accesorios	Montaje
c: A400049B	Ver troquel / Manual
c: A497981B (opcional) (26-2414-C)	Ver troquel / Manual

Nota: Marco valido para la serie V8000 de 58 mm RPT.

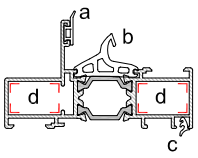
R0444	82.8 x 47.7 mm fixed frame



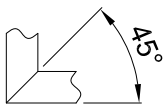
Marco fijo de 82.8 x 47.7 mm

Ref.: 9421 / 9093

Peso (kg/m): 1.264	Momentos de inercia	
Perímetro (mm): 602	Ix (cm4): 30,12	Iy (cm4): 5,19



Accesorios	Montaje
a: A497960B (opcional) (E-312)	Maquina / Manual
b: A497056B (opcional) (T-1580)	Maquina / Manual
c: A497387B (opcional) (E-307/3)	Manual

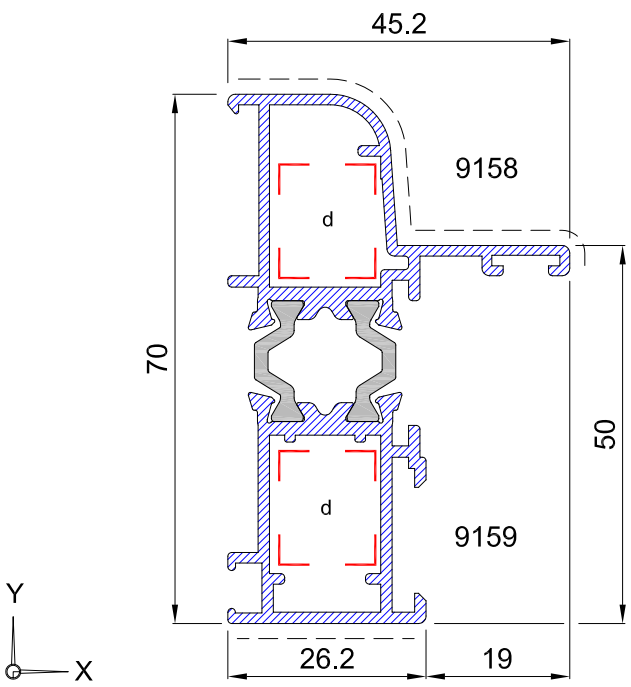


Accesorios	Montaje
d: A400049B	Ver troquel / Manual
d: A497466B (opcional) (26-2414-90)	Ver troquel / Manual

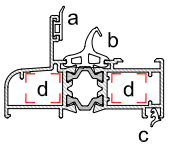
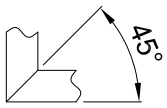
Nota: Marco valido para la serie V8000 de 58 mm RPT.

Frame | Marco

R0280	70 x 45.2 mm fixed frame



Marco fijo de 70 x 45.2 mm			
Ref.: 9158 / 9159			
Peso (kg/m): 1.149	Momentos de inercia		
Perímetro (mm): 550	Ix (cm4): 18,23	Iy (cm4): 4,30	

	Accesorios	Montaje
	a: A497960B (opcional) (E-312)	Maquina / Manual
	b: A497731B (opcional) (3700-G)	Maquina / Manual
	c: A497387B (opcional) (E-307/3)	Manual
	d: A497460B (0427)	Ver troquel / Manual

Nota: Marco valido para la serie V8000 de 50 mm RPT.

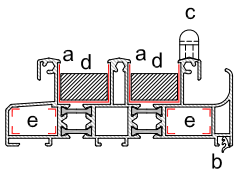
Marco — Frame

R0162	R0504	120 x 46.5 mm frame

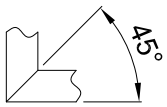
Marco de 120 x 46.5 mm

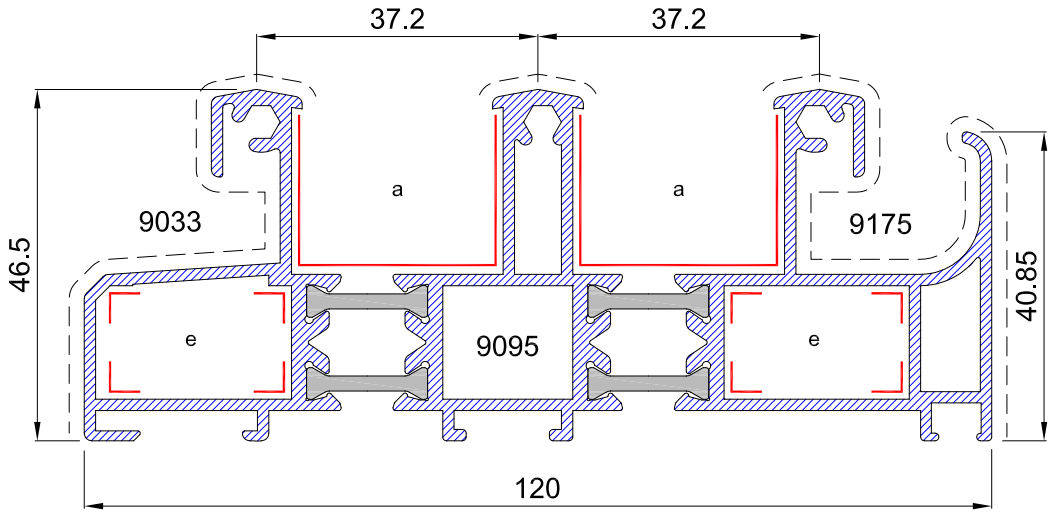
Ref.: 9033 / 9095 / 9175

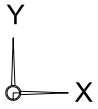
Peso (kg/m):	2.476	Momentos de inercia	
Perímetro (mm):	1101	Ix (cm4): 17,10	Iy (cm4): 112,99



Accesorios	Montaje
a: A497876B (T006)	Manual
b: A497387B (opcional) (E-307/3)	Manual
c: A497968B (2251014)	Manual
d: A497911B	Manual
e: A400049B	Ver troquel / Manual
e: A497981B (opcional) (26-2414-C)	Ver troquel / Manual

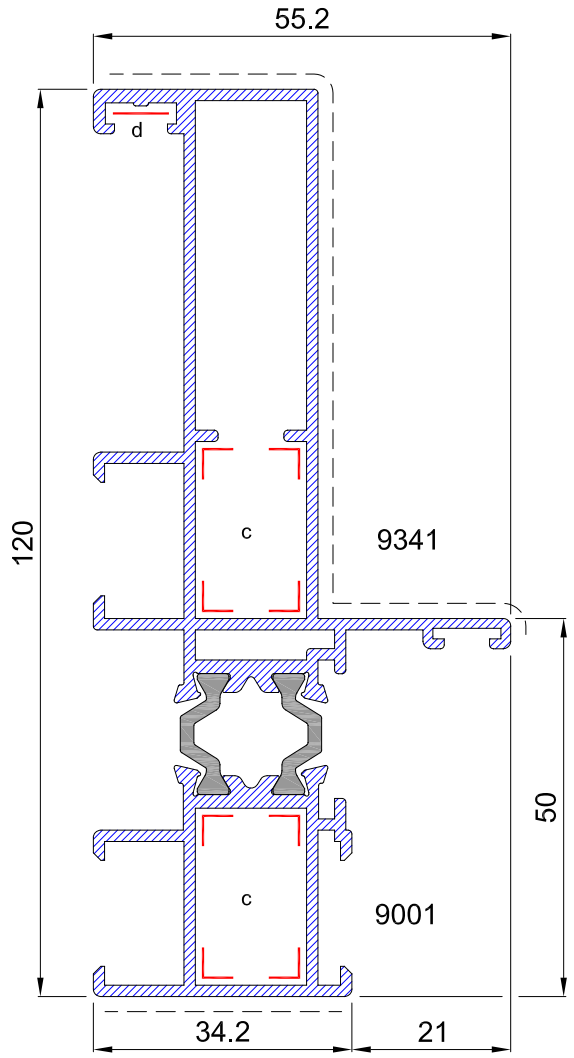




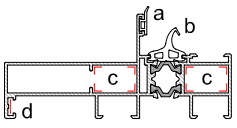
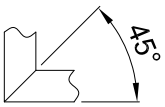


Frame | Marco

R0396	120 x 55.2 mm fixed frame

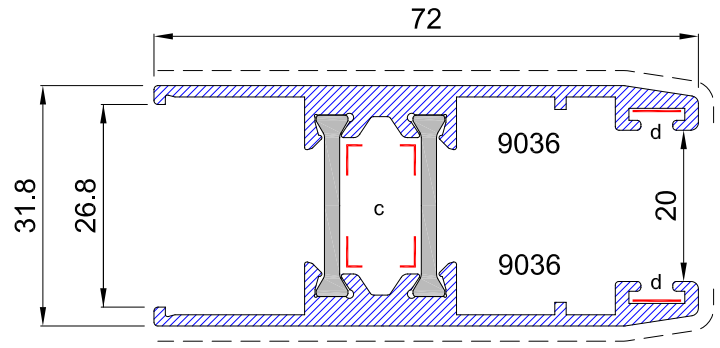


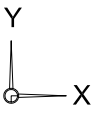
Marco fijo de 120 x 55.2 mm			
Ref.: 9341 / 9001			
Peso (kg/m): 1.910	Momentos de inercia		
Perímetro (mm): 894	Ix (cm4): 91,55	Iy (cm4): 8,73	

	Accesorios	Montaje
	a: A497960B (opcional) (E-312)	Maquina / Manual
	b: A497731B (opcional) (3700-G)	Maquina / Manual
	c: A400049B	Ver troquel / Manual
	c: A497981B (opcional) (26-2414-C)	Ver troquel / Manual
	d: A497969B (PTA-58)	Manual / Ver Ensamblajes

Nota: Marco fijo valido para el perfil 9033/9095/9175.

R0169	72 x 31.8 mm lateral and roulete sash

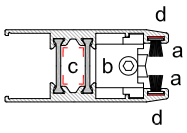


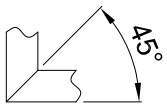


Hoja lateral y ruleta de 72 x 31.8 mm

Ref.: 9036 / 9036

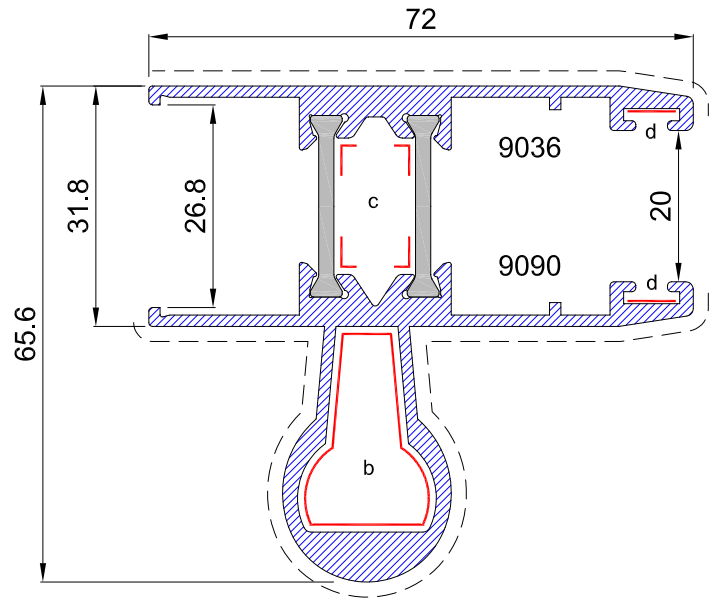
Peso (kg/m):	1.162	Momentos de inercia	
Perímetro (mm):	420	Ix (cm4): 8,04	Iy (cm4): 15,14

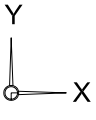




Accesorios	Montaje
a: A497920D (6.9 x 8)	Maquina / Manual
b: A497926B (M-645-A)	Manual
c: A497182B (9036/36 PVC)	Ver troquel / Manual
d: A497929B	Manual

R0170 (9036/9090)	R0217 (9090/9036)	72 x 31.8 mm reinforcement lateral and roulete sash

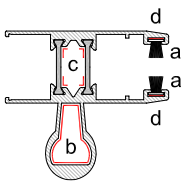


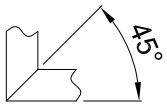


Hoja refuerzo lateral y ruleta de 72 x 31.8 mm

Ref.: 9036 / 9090

Peso (kg/m):	1.712	Momentos de inercia	
Perímetro (mm):	574	Ix (cm4): 29,69	Iy (cm4): 16,95





Accesorios	Montaje
a: A497920D (6.9 x 8)	Maquina / Manual
b: A497176B Tapa (7093471)	Manual
c: A497182B (9036/36 PVC)	Ver troquel / Manual
d: A497929B	Manual

Nota: En ventanas bicolor tener cuidado con la colación de los perfiles.

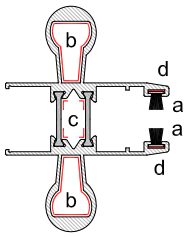
Sash | Hoja

R0218	72 x 31.8 reinforcement lateral sash

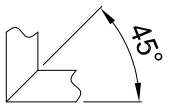
Hoja refuerzo lateral de 72 x 31.8 mm

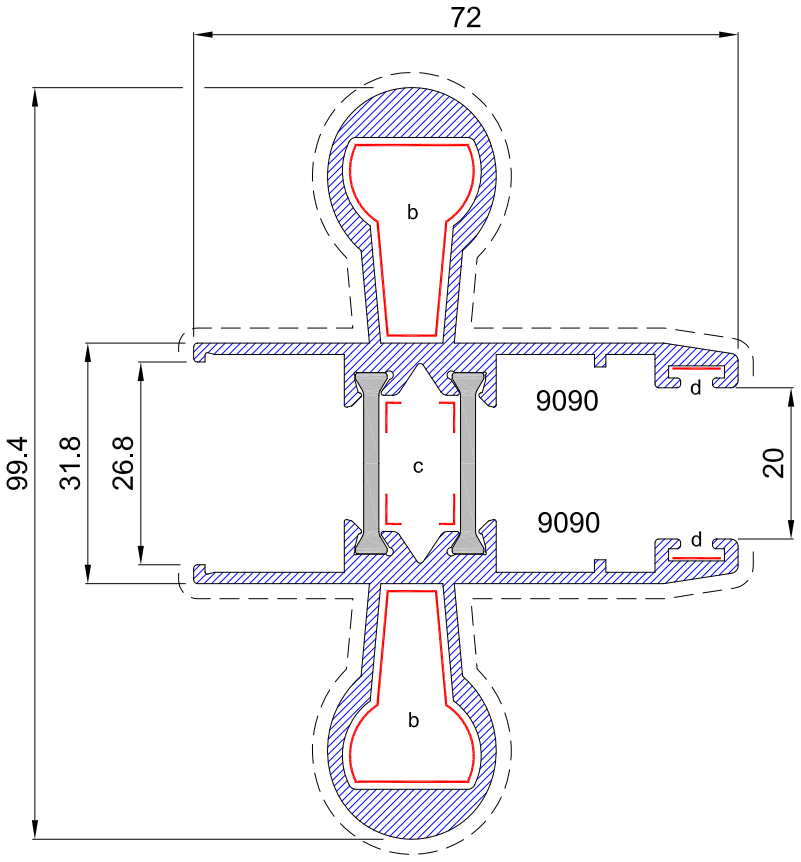
Ref.: 9090 / 9090

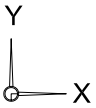
Peso (kg/m):	2.262	Momentos de inercia	
Perímetro (mm):	728	Ix (cm4): 70,18	Iy (cm4): 18,31



Accesorios	Montaje
a: A497920B (6.9 x 8)	Maquina / Manual
b: A497176B Tapa (7093471)	Manual
c: A497182B (9036/36 PVC)	Ver troquel / Manual
d: A497929B	Manual



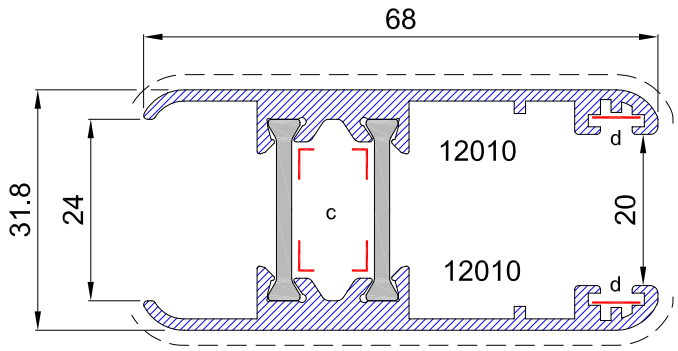


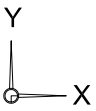


Extrugasa

Hojas — Sashes

R0004	68 x 31.8 mm sash

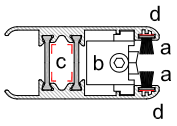




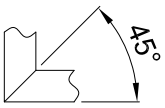
Hoja de 68 x 31.8 mm

Ref.: 12010 / 12010

Peso (kg/m):	1.112	Momentos de inercia	
Perímetro (mm):	414	Ix (cm4): 7,66	Iy (cm4): 13,32

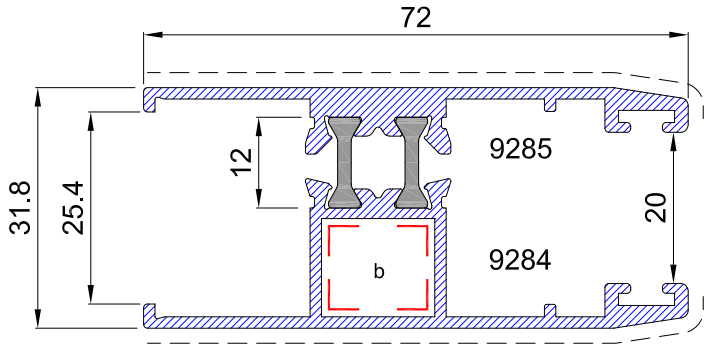


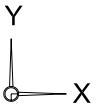
Accesorios	Montaje
a: A497920D (6.9 x 8)	Maquina / Manual
b: A497926B (M-645-A)	Manual



Accesorios	Montaje
c: A497182B (9036/36 PVC)	Ver troquel / Manual
d: A497929B	Manual

R0362	72 x 31.8 mm lateral and roulette sash

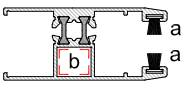




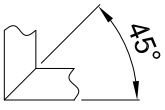
Hoja lateral y ruleta de 72 x 31.8 mm

Ref.: 9284 / 9285

Peso (kg/m):	1.201	Momentos de inercia	
Perímetro (mm):	497	Ix (cm4): 7,07	Iy (cm4): 15,29



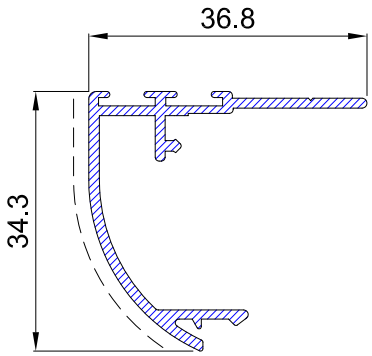
Accesorios	Montaje
a: A497920D (6.9 x 8)	Maquina / Manual



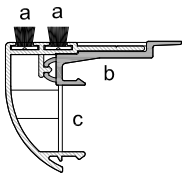
Accesorios	Montaje
b: A495093B (18-1315-C)	Manual

Profile for central sash — Tapetas de cruce

8174	Profile for central sash (sash 9036/9036)

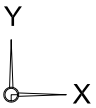


Perfil para hoja central (hoja 9036/9036)			
Ref.: 8174			
Peso (kg/m): 0.373	Momentos de inercia		
Perímetro (mm): 210	Ix (cm4): 1,91	Iy (cm4): 1,19	

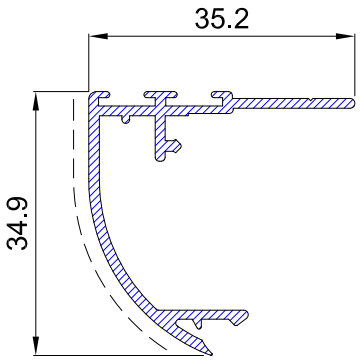


Accesorios	Montaje
a: A497095B (6.9 x 3.5)	Maquina / Manual
b: A497235B (861.364R1)	Manual
c: A497409B	Manual

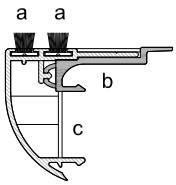
Nota: En ventanas bicolor tener cuidado con la colación de los perfiles.



8175	Profile for central sash (sash 12010/12010)

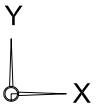


Perfil para hoja central (hoja 12010/12010)			
Ref.: 8175			
Peso (kg/m): 0.373	Momentos de inercia		
Perímetro (mm): 211	Ix (cm4): 1,93	Iy (cm4): 1,07	



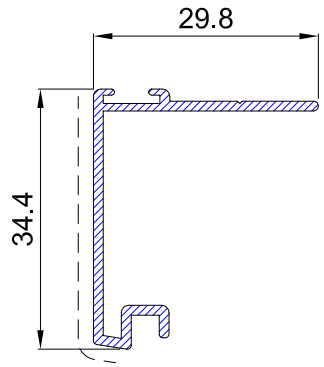
Accesorios	Montaje
a: A497095B (6.9 x 3.5)	Maquina / Manual
b: A497233B (862.341R1)	Manual
c: A497408B	Manual

Nota: En ventanas bicolor tener cuidado con la colación de los perfiles.

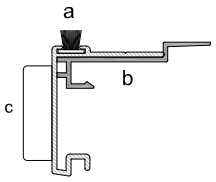


Tapeta de cruce — Profile for central sash

9039	Profile for central sash of 34.4 x 29.8 mm

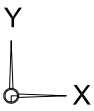


Perfil para hoja central (hoja 9036/9036)				
Ref.: 9039				
Peso (kg/m): 0.284	Momentos de inercia			
Perímetro (mm): 169	Ix (cm4): 1,60	Iy (cm4): 0,70		

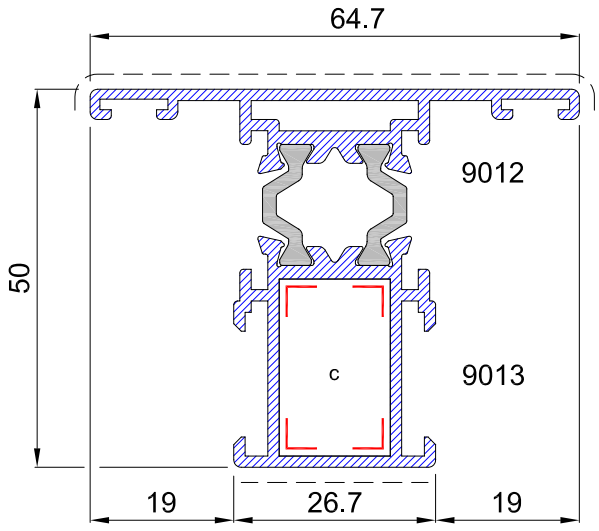


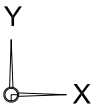
Accesorios	Montaje
a: A497095B (6.9 x 3.5)	Maquina / Manual
b: A497877B (T-488)	Manual
c: A497071B S-75 (TAP43)	Manual

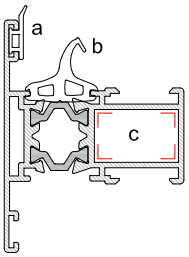
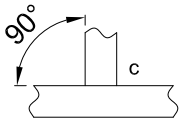
Nota: En ventanas bicolor tener cuidado con la colación de los perfiles.



R0130 (apert. int.)	R0132 (apert. ext.)	50 x 64.7 mm mullion

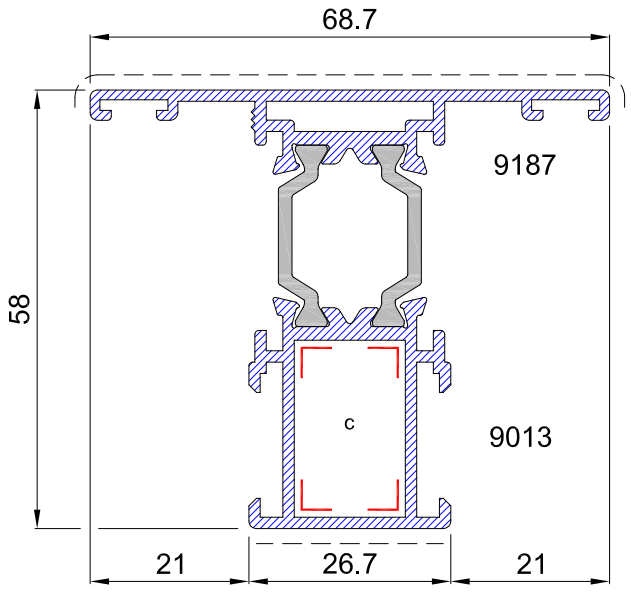


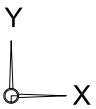


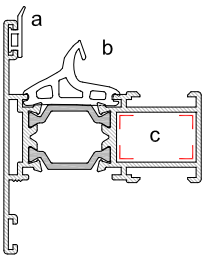
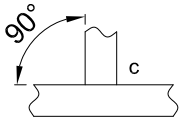
Zanca de 50 x 64.7 mm			
Ref.: 9012 / 9013			
Peso (kg/m): 1.118	Momentos de inercia		
Perímetro (mm): 530	Ix (cm4): 12,13	Iy (cm4): 6,60	
	Accesorios		Montaje
	a: A497960B (opcional) (E-312)		Maquina / Manual
	b: A497731B (opcional) (3700-G)		Maquina / Manual
	c: A497654B (1418)		Ver troquel / Manual

Nota: Zanca valida para la serie V8000 de 50 mm RPT.

R0300 (apert. int.)	R0133 (apert. ext.)	58 x 68.7 mm mullion



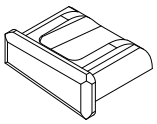


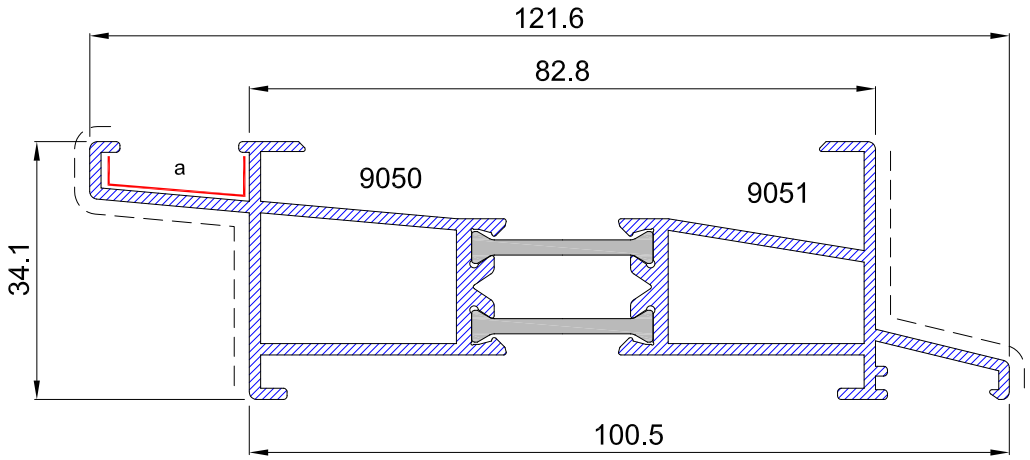
Zanca de 58 x 68.7 mm			
Ref.: 9187 / 9013			
Peso (kg/m): 1.137	Momentos de inercia		
Perímetro (mm): 539	Ix (cm4): 18,12	Iy (cm4): 7,41	
	Accesorios		Montaje
	a: A497960B (opcional) (E-312)		Maquina / Manual
	b: A497056B (opcional) (T-1580)		Maquina / Manual
	c: A497654B (1418)		Ver troquel / Manual

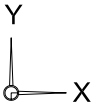
Nota: Zanca valida para la serie V8000 de 58 mm RPT.

Condensación — Water sill

R0184	121.6 x 34.1 mm water sill

Condensación de 121.6 x 34.1 mm			
Ref.: 9051 / 9050			
Peso (kg/m): 1.350	Momentos de inercia		
Perímetro (mm): 634	Ix (cm4): 4,34	Iy (cm4): 57,50	
	Accesorios	Montaje	
	a: A497534B Tope goterón	Manual	

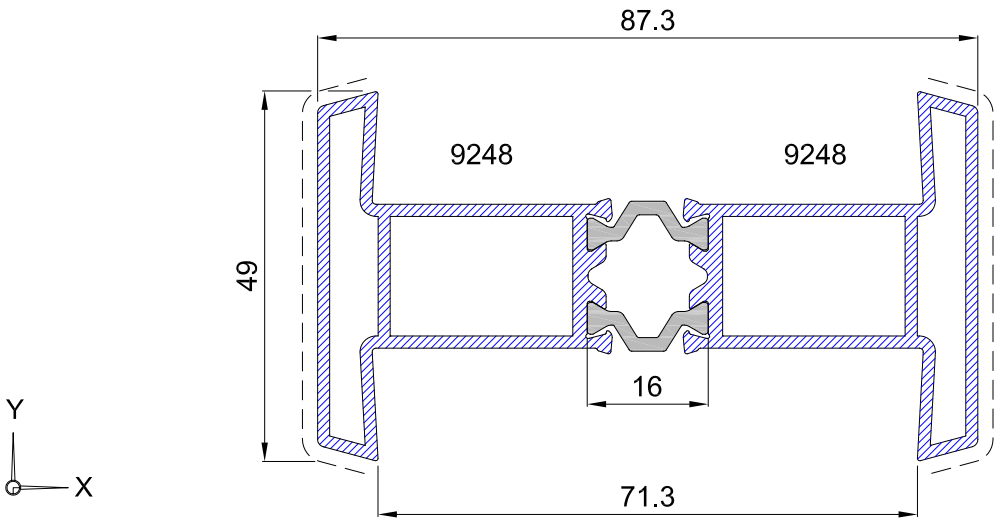




Connectors frames — Uniones de marcos

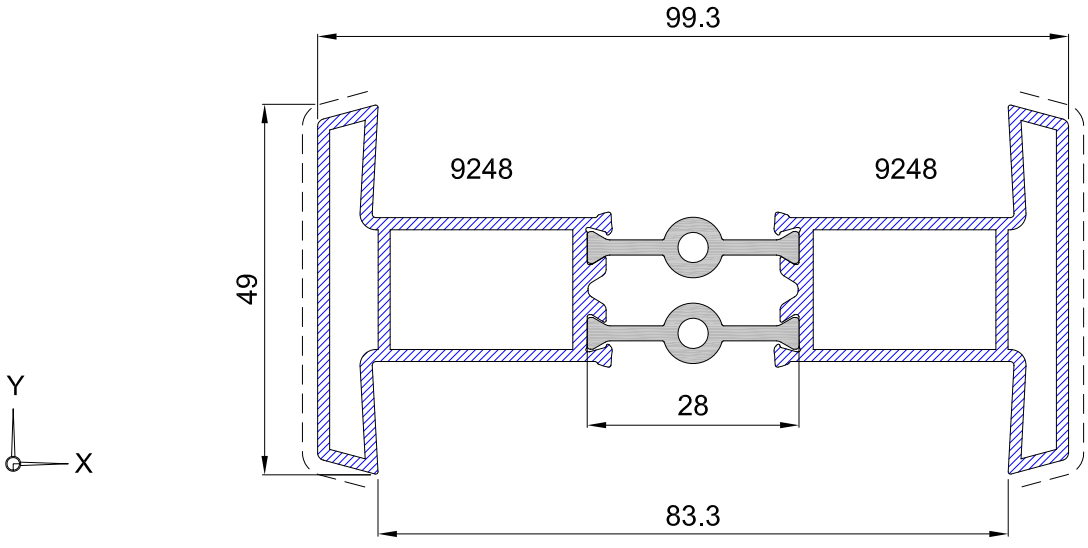
R0337	87.3 x 49 mm connector frames

Unión de marcos 87.3 x 49 mm			
Ref.: 9248 / 9248			
Peso (kg/m): 1.690	Momentos de inercia		
Perímetro (mm): 750	Ix (cm4): 8,81	Iy (cm4): 62,21	



R0338	99.3 x 49 mm connector frames

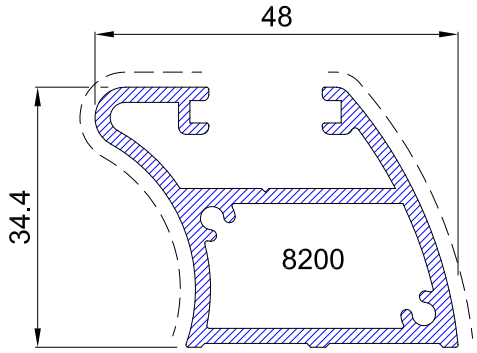
Unión de marcos de 99.3 x 49 mm			
Ref.: 9248 / 9248			
Peso (kg/m): 1.690	Momentos de inercia		
Perímetro (mm): 750	Ix (cm4): 8,82	Iy (cm4): 85,88	

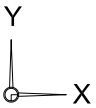


Extrugasa

Complementos — Complements

8200	Handdle

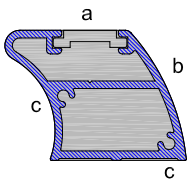




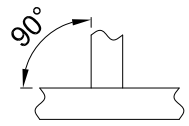
Tirador

Ref.: 8200

Peso (kg/m): 0.923	Momentos de inercia	
Perímetro (mm): 329	Ix (cm4): 4,18	Iy (cm4): 6,58

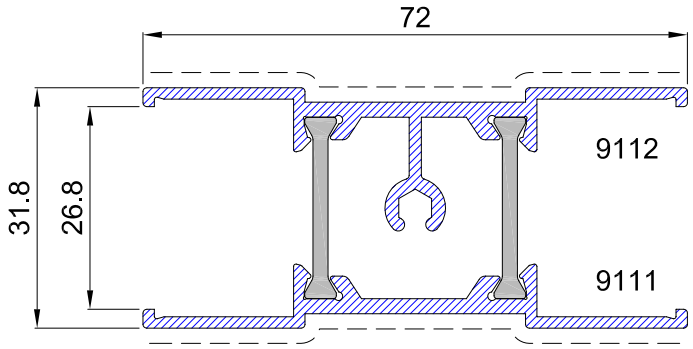


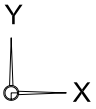
Accesorios	Montaje
a: 7013	Manual
b: A495073 Tapa	Manual
c: Tornillo ∅ 3.5	Maquina / Manual



Nota: En ventanas bicolor tener cuidado con la colación de los perfiles.

R0241	Double glass division sash of 72 x 31.8 mm

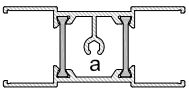




División hojas cristal doble de 72 x 31.8 mm

Ref.: 9111 / 9112

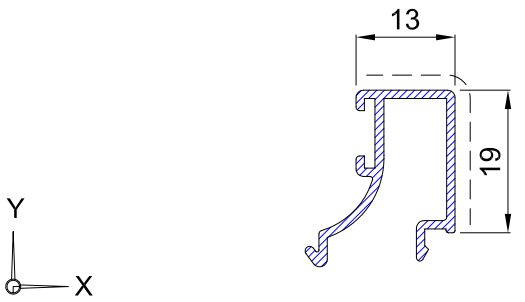
Peso (kg/m): 0.991	Momentos de inercia	
Perímetro (mm): 436	Ix (cm4): 6,01	Iy (cm4): 11,58



a: Tornillo ∅ 5.5	Maquina / Manual

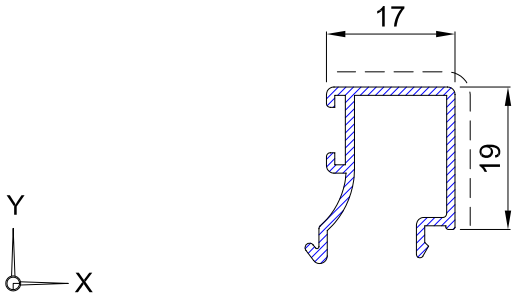
Glazing beads — Junquillos

8141	13 mm glazing bead



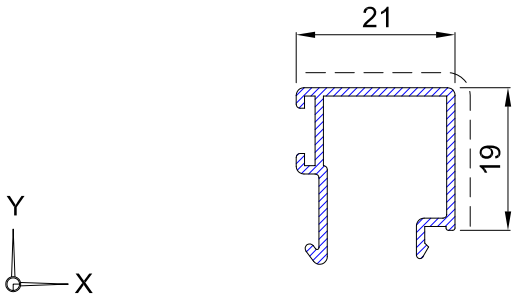
Junquillo de 13 mm			
Ref.: 8141			
Peso (kg/m):	0.224	Momentos de inercia	
Perímetro (mm):	145	Ix (cm4): 0,44	Iy (cm4): 0,28

8142	17 mm glazing bead



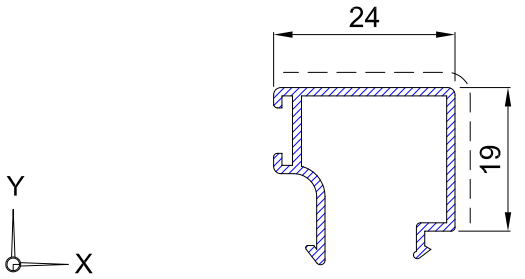
Junquillo de 17 mm			
Ref.: 8142			
Peso (kg/m):	0.229	Momentos de inercia	
Perímetro (mm):	149	Ix (cm4): 0,47	Iy (cm4): 0,37

8140	21 mm glazing bead



Junquillo de 21 mm			
Ref.: 8140			
Peso (kg/m):	0.237	Momentos de inercia	
Perímetro (mm):	155	Ix (cm4): 0,49	Iy (cm4): 0,52

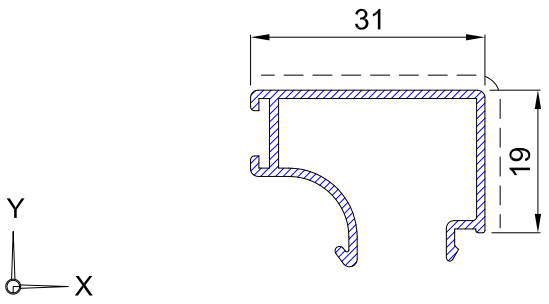
9007	24 mm glazing bead



Junquillo de 24 mm			
Ref.: 9007			
Peso (kg/m):	0.273	Momentos de inercia	
Perímetro (mm):	165	Ix (cm4): 0,51	Iy (cm4): 0,67

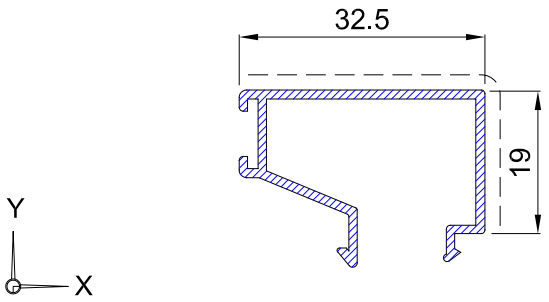
Junquillos — Glazing beads

8144	31 mm glazing bead



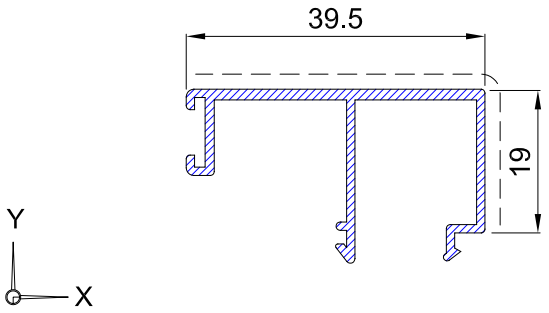
Junquillo de 31 mm			
Ref.: 8144			
Peso (kg/m):	0.289	Momentos de inercia	
Perímetro (mm):	189	Ix (cm4): 0,58	Iy (cm4): 1,21

2689	32.5 mm glazing bead



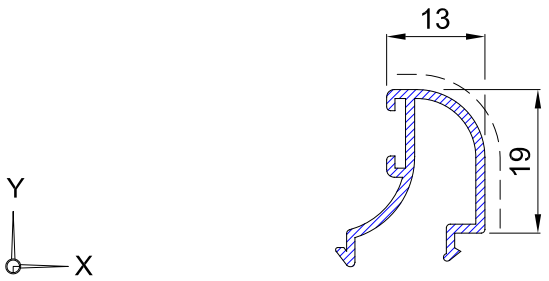
Junquillo de 32.5 mm			
Ref.: 2689			
Peso (kg/m):	0.308	Momentos de inercia	
Perímetro (mm):	194	Ix (cm4): 0,62	Iy (cm4): 1,43

2687	39.5 mm Glazing Bead



Junquillo de 39.5 mm			
Ref.: 2687			
Peso (kg/m):	0.351	Momentos de inercia	
Perímetro (mm):	213	Ix (cm4): 0,66	Iy (cm4): 2,12

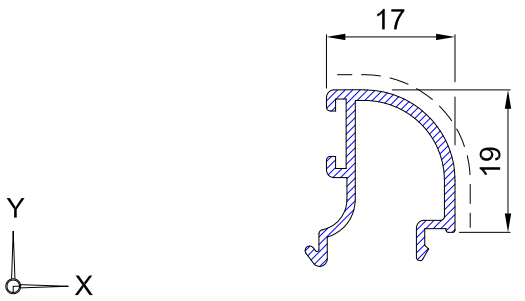
8075	13 mm glazing bead



Junquillo de 13 mm			
Ref.: 8075			
Peso (kg/m):	0.224	Momentos de inercia	
Perímetro (mm):	139	Ix (cm4): 0,40	Iy (cm4): 0,25

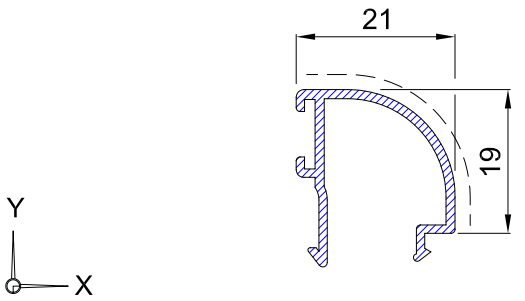
Glazing beads — Junquillos

8080	17 mm glazing bead



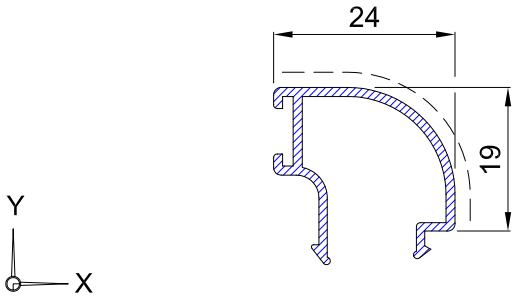
Junquillo de 17 mm				
Ref.: 8080				
Peso (kg/m):	0.240	Momentos de inercia		
Perímetro (mm):	140	Ix (cm4):	0,44	Iy (cm4): 0,34

9102	21 mm glazing bead



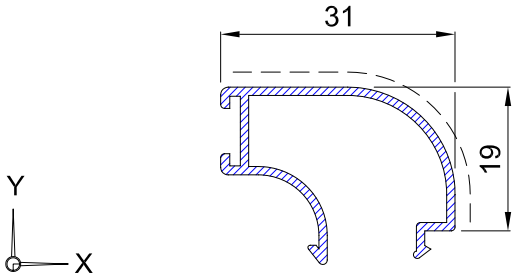
Junquillo de 21 mm				
Ref.: 9102				
Peso (kg/m):	0.230	Momentos de inercia		
Perímetro (mm):	144	Ix (cm4):	0,43	Iy (cm4): 0,44

9040	24 mm glazing bead



Junquillo de 24 mm				
Ref.: 9040				
Peso (kg/m):	0.243	Momentos de inercia		
Perímetro (mm):	153	Ix (cm4):	0,44	Iy (cm4): 0,58

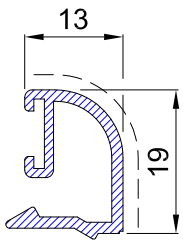
9083	31 mm glazing bead

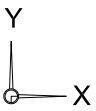


Junquillo de 31 mm				
Ref.: 9083				
Peso (kg/m):	0.267	Momentos de inercia		
Perímetro (mm):	177	Ix (cm4):	0,51	Iy (cm4): 1,04

Junquillos — Glazing beads

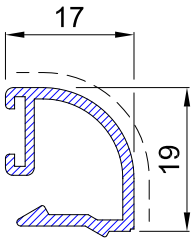
8074	13 mm glazing bead

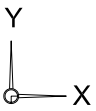




Junquillo de 13 mm				
Ref.: 8074				
Peso (kg/m):	0.221	Momentos de inercia		
Perímetro (mm):	116	Ix (cm4):	0,35	Iy (cm4): 0,17

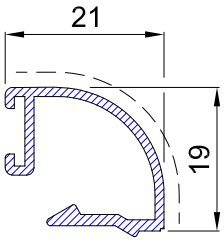
8069	17 mm glazing bead

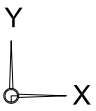




Junquillo de 17 mm				
Ref.: 8069				
Peso (kg/m):	0.235	Momentos de inercia		
Perímetro (mm):	123	Ix (cm4):	0,37	Iy (cm4): 0,26

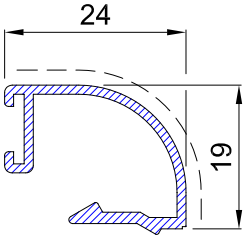
9103	21 mm glazing bead

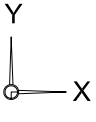




Junquillo de 21 mm				
Ref.: 9103				
Peso (kg/m):	0.230	Momentos de inercia		
Perímetro (mm):	132	Ix (cm4):	0,38	Iy (cm4): 0,38

9015	24 mm glazing bead

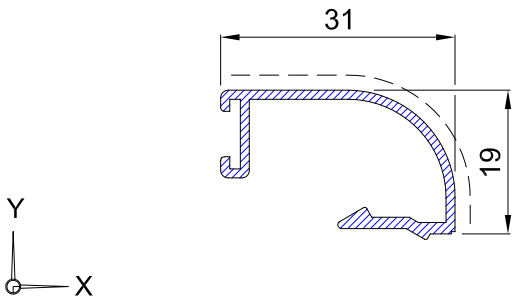




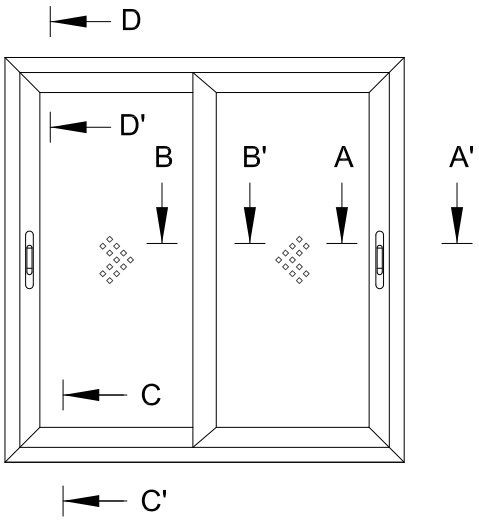
Junquillo de 24 mm				
Ref.: 9015				
Peso (kg/m):	0.232	Momentos de inercia		
Perímetro (mm):	136	Ix (cm4):	0,40	Iy (cm4): 0,53

Glazing beads — Junquillos

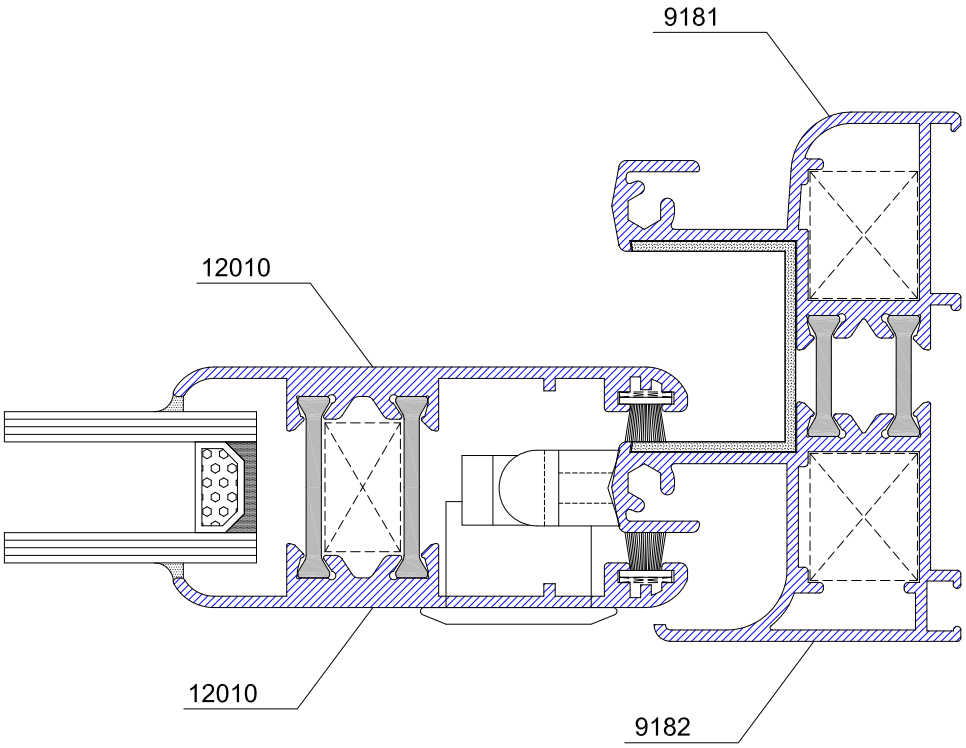
9014	31 mm glazing bead



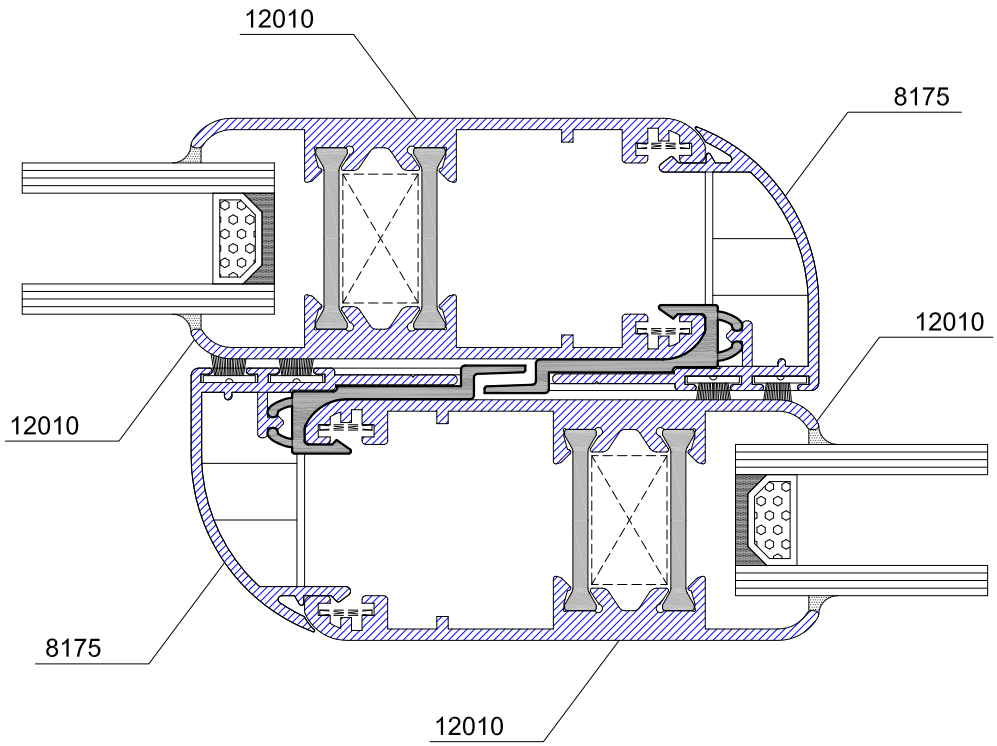
Junquillo de 31 mm			
Ref.: 9014			
Peso (kg/m): 0.262	Momentos de inercia		
Perímetro (mm): 153	Ix (cm4): 0,46	Iy (cm4): 1,04	



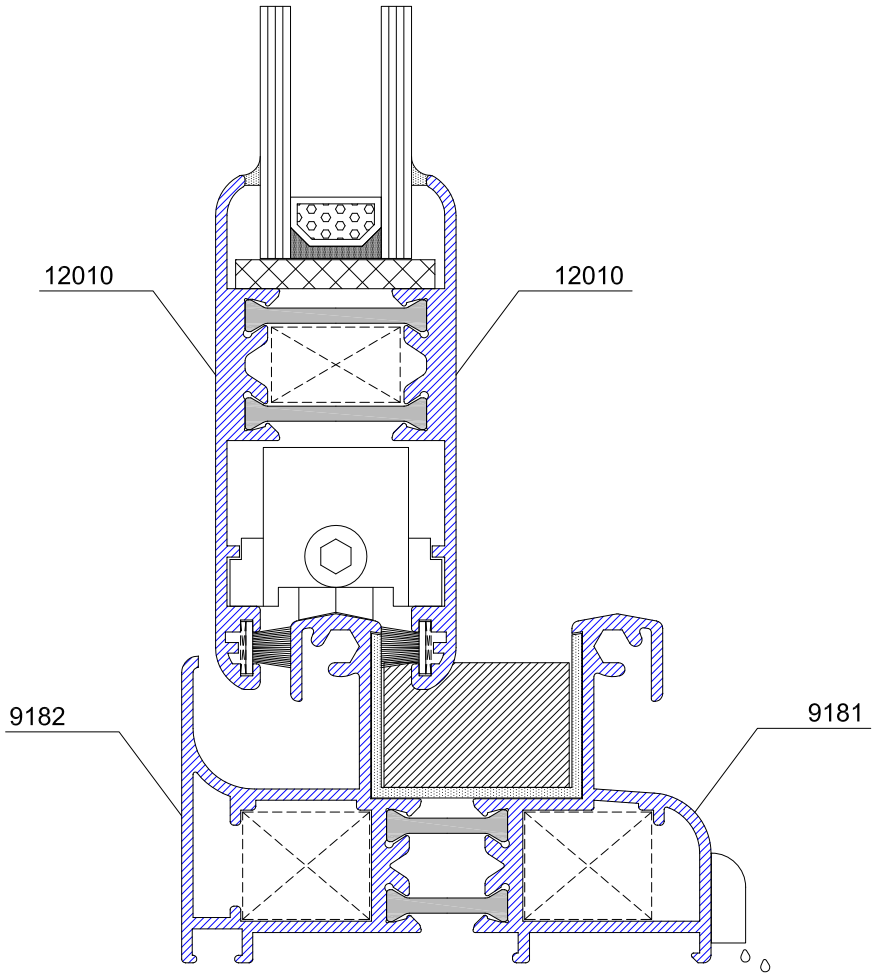
SECCIÓN A-A'



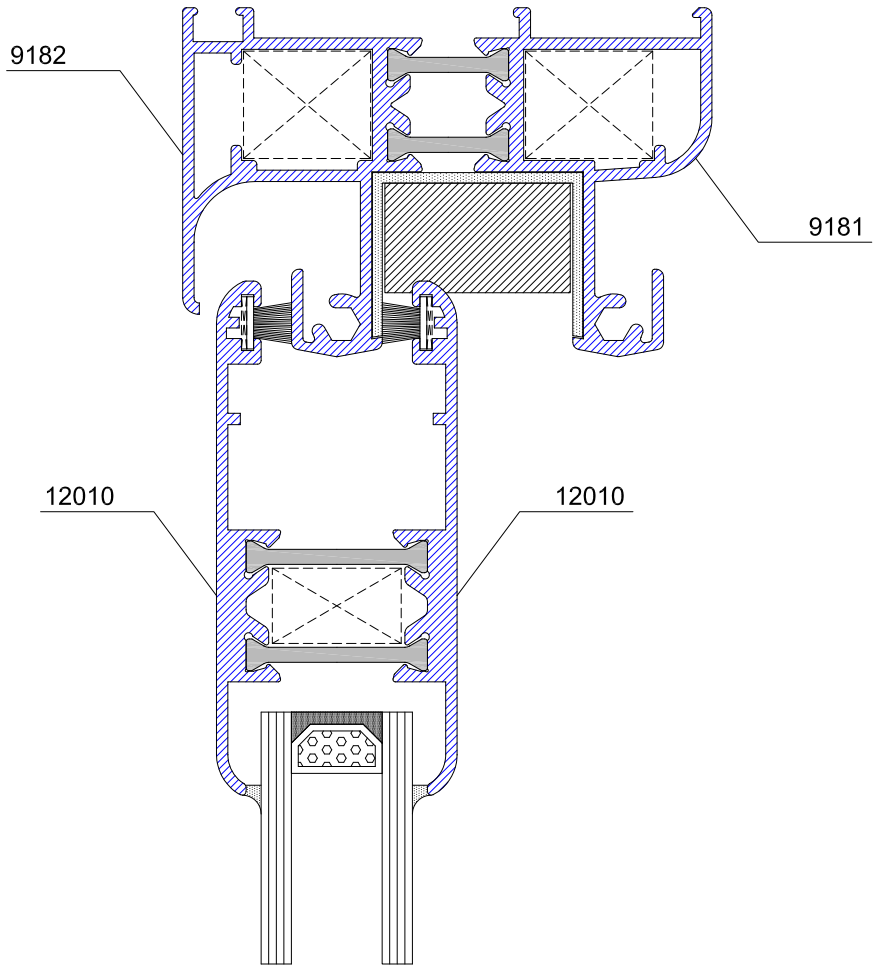
SECCIÓN B-B'



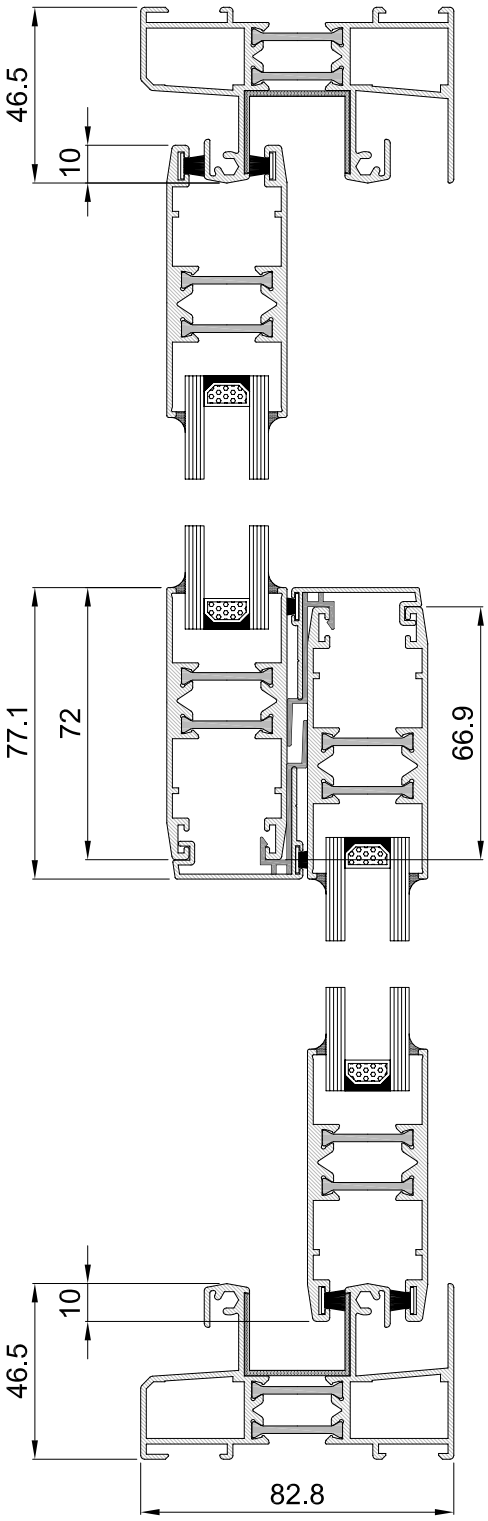
SECCIÓN C-C'



SECCIÓN D-D'



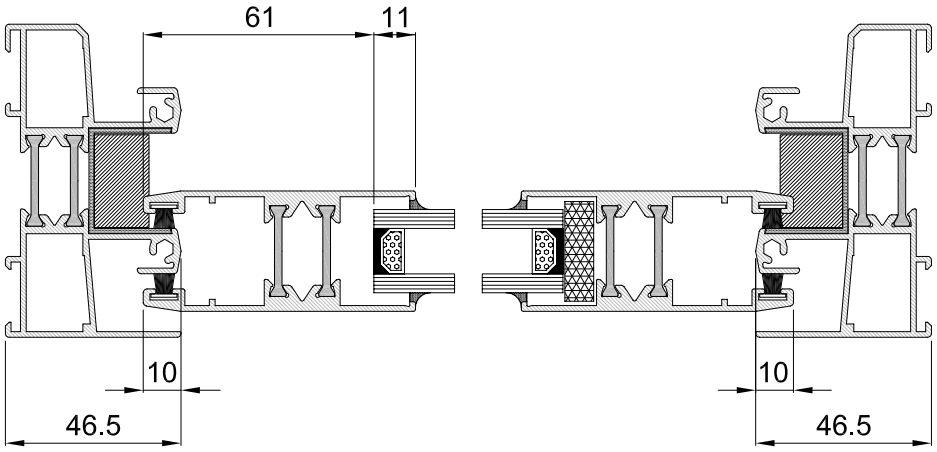
Medidas de corte — Cutting measures



H = altura de marco
L = ancho de marco

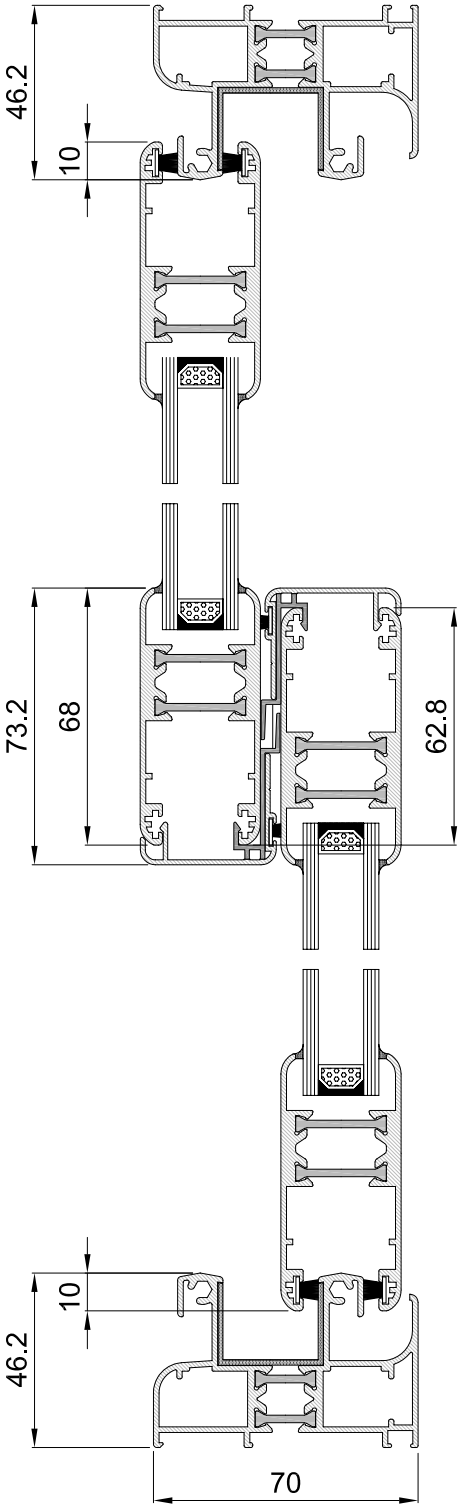
Medidas de corte (perimetral) (Hoja 9036/9036)

CROQUIS	REF.:	DESCRIPCIÓN			
descuentos validos para todos los marcos perimetrales		marco lateral	H	2 Unidades	
		marco superior marco inferior	L	2 Unidades	
	R0169 9036/9036	hoja lateral hoja central	H - 73	4 Unidades	para 2 hojas
				6 Unidades	para 3 hojas
				8 Unidades	para 4 hojas
	9039	perfil engatillado	H - 73	2 Unidades	para 2 hojas
				4 Unidades	para 3 hojas
				4 Unidades	para 4 hojas
	R0169 9036/9036	hoja ruleta	L/2 - 3	4 Unidades	para 2 hojas
			L/3 + 20.3	6 Unidades	para 3 hojas
			L/4 + 14.6	8 Unidades	para 4 hojas
	8994	acople 4 hojas (poliamida)	H - 73	1 Unidad	



Cutting measures

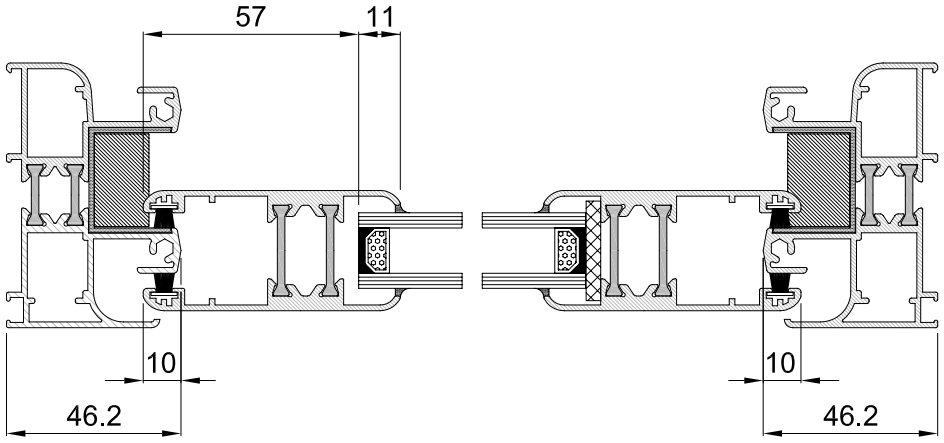
Medidas de corte



H = altura de marco
L = ancho de marco

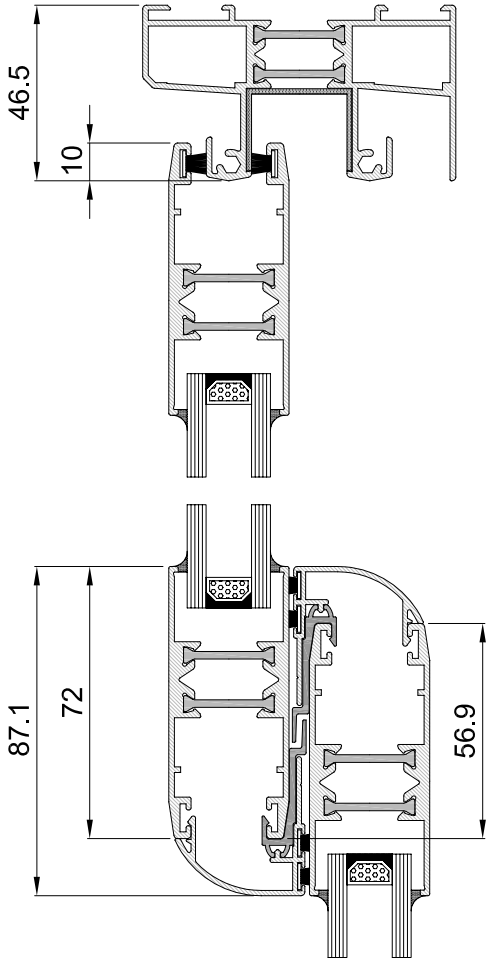
Medidas de corte (perimetral) (Hoja 12010/12010)

CROQUIS	REF.:	DESCRIPCIÓN		
descuentos validos para todos los marcos perimetrales		marco lateral	H	2 Unidades
		marco superior marco inferior	L	2 Unidades
	R0004 12010/12010	hoja lateral	H - 73	para 2 hojas: 4 Unidades
				para 3 hojas: 6 Unidades
		hoja central		para 4 hojas: 8 Unidades
	12011	perfil engatillado	H - 73	para 2 hojas: 2 Unidades
				para 3 hojas: 4 Unidades
				para 4 hojas: 4 Unidades
	R0004 12010/12010	hoja ruleta	L/2 - 5	para 2 hojas: 4 Unidades
			L/3 + 17.5	para 3 hojas: 6 Unidades
			L/4 + 12.5	para 4 hojas: 8 Unidades
	8984	acople 4 hojas (poliamida)	H - 73	1 Unidad



Extrugasa

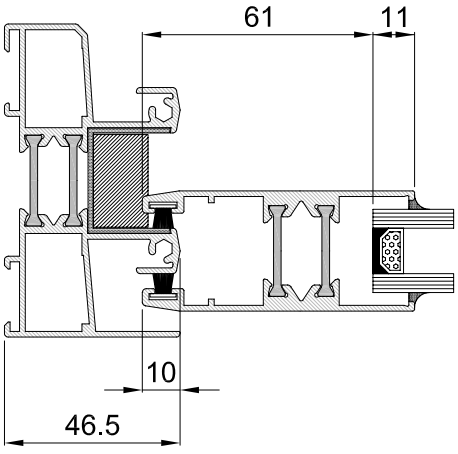
Medidas de corte — Cutting measures

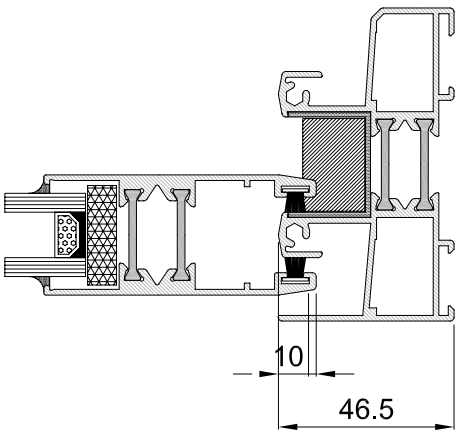


Medidas de corte (perimetral) (Hoja 9036/9036 , central 8174)

H = altura de marco
L = ancho de marco

CROQUIS	REF.:	DESCRIPCIÓN			
descuentos validos para todos los marcos perimetrales		marco lateral	H	2 Unidades	
		marco superior marco inferior	L	2 Unidades	
	R0169 9036/9036	hoja lateral	H - 73	4 Unidades	para 2 hojas
		hoja central		6 Unidades	para 3 hojas
				8 Unidades	para 4 hojas
	8174	perfil engatillado	H - 125.3	2 Unidades	para 2 hojas
				4 Unidades	para 3 hojas
				4 Unidades	para 4 hojas
	R0169 9036/9036	hoja ruleta	L/2 - 8	4 Unidades	para 2 hojas
			L/3 + 13.6	6 Unidades	para 3 hojas
			L/4 + 9.6	8 Unidades	para 4 hojas
	8994	acople 4 hojas (poliamida)	H - 73	1 Unidad	





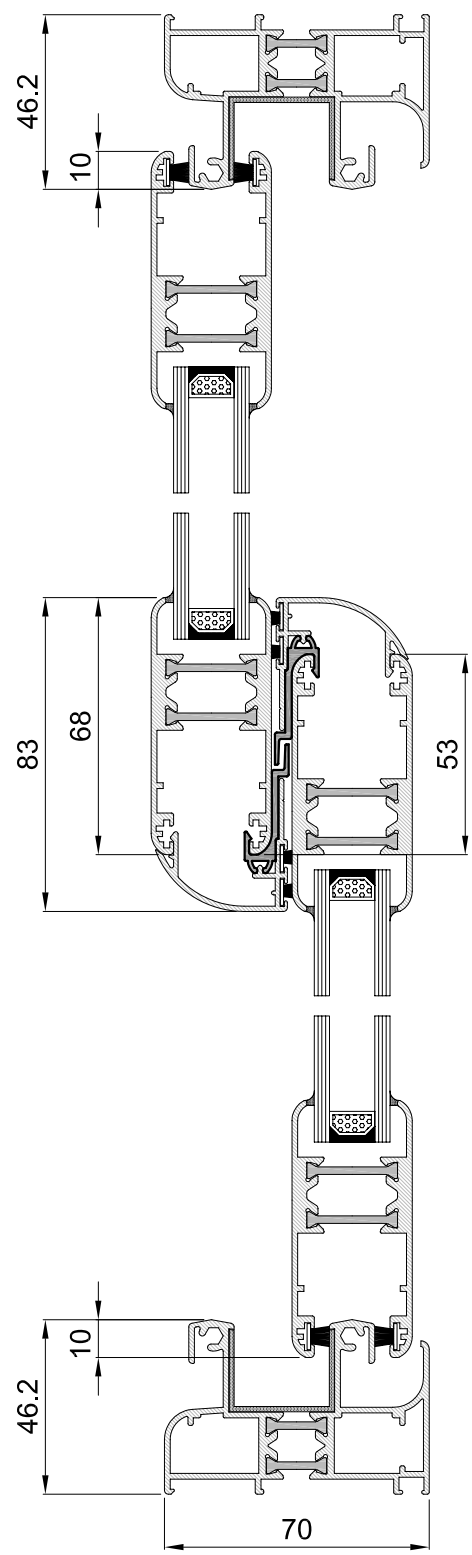
Cutting measures

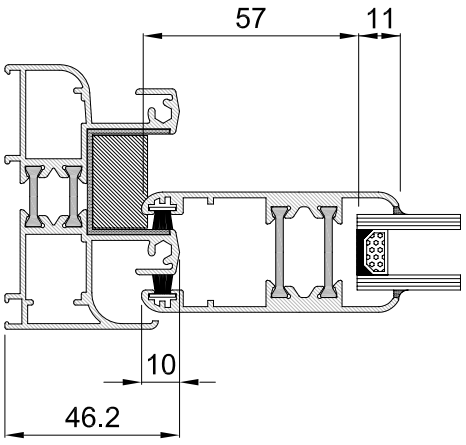
Medidas de corte

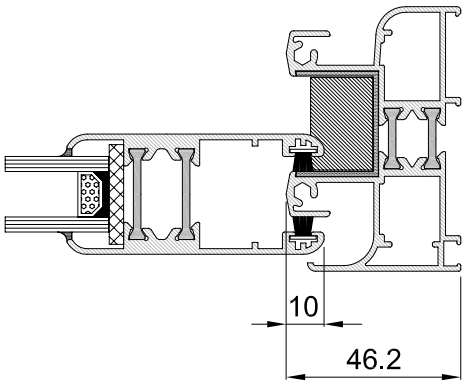
Medidas de corte (perimetral) (Hoja 12010/12010, central 8175)

H = altura de marco
L = ancho de marco

CROQUIS	REF.:	DESCRIPCIÓN		
descuentos validos para todos los marcos perimetrales		marco lateral	H	2 Unidades
		marco superior marco inferior	L	2 Unidades
	R0004 12010/12010	hoja lateral	H - 73	para 2 hojas: 4 Unidades
				para 3 hojas: 6 Unidades
		hoja central		para 4 hojas: 8 Unidades
	8175	perfil engatillado	H - 125.3	para 2 hojas: 2 Unidades
				para 3 hojas: 4 Unidades
				para 4 hojas: 4 Unidades
	R0004 12010/12010	hoja ruleta	L/2 - 10	para 2 hojas: 4 Unidades
			L/3 + 11	para 3 hojas: 6 Unidades
			L/4 + 7.6	para 4 hojas: 8 Unidades
	8984	acople 4 hojas (poliamida)	H - 73	1 Unidad



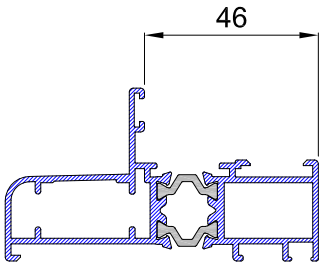


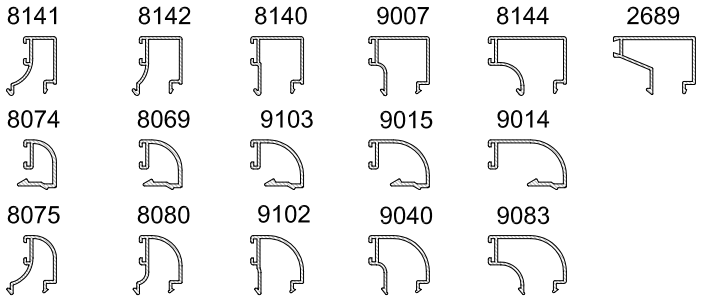


Extrugasa

Huecos de vidrio — Glazing options

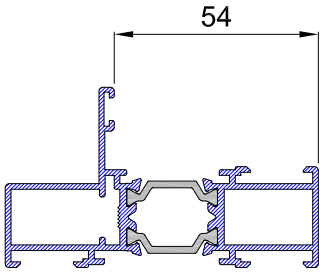
HUECOS DE JUNQUILLO PARA MARCO:

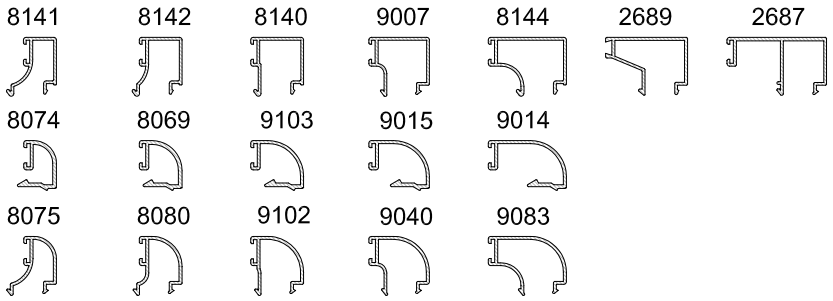




33	29	25	22	15	13.5

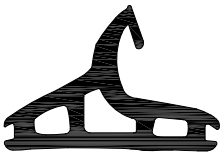
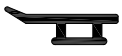
HUECOS DE JUNQUILLO PARA MARCO:





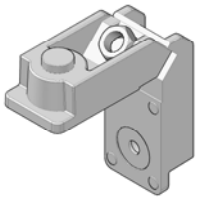
41	37	33	30	23	21.5	14.5

Gaskets — Gomas

	Código Code	Descripción y características Description and properties
	A497731B	Goma central (EPDM) (3700-G) Central Gasket (EPDM)
	A497056B	Goma central (EPDM) (T-1580) Central Gasket (EPDM)
	A495094B	Goma acristalar precortada (1,7 - 2,7 mm, EPDM) (T-1102) Wedge gasket (glazing) (1,7 - 2,7 mm, EPDM)
	A495095B	Goma acristalar precortada (2,5 - 4 mm, EPDM) (T-1103) Wedge gasket (glazing) (2,5 - 4 mm, EPDM)
	A495096B	Goma acristalar precortada (3,5 - 5 mm, EPDM) (T-1104) Wedge gasket (glazing) (3,5 - 5 mm, EPDM)
	A495097B	Goma acristalar precortada (4,5 - 6 mm, EPDM) (T-1105) Wedge gasket (glazing) (EPDM)
	A495098B	Goma acristalar precortada (5 - 7 mm, EPDM) (T-1106) Wedge gasket (glazing) (EPDM)
	A497960B	Goma exterior (E-312) Gasket frame (EPDM)
	A497387B	Goma de registro (E-307/3) Gasket register

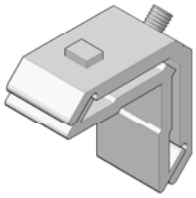
Código
Code

A400049B



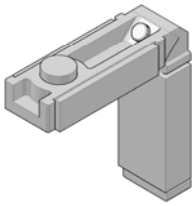
Escuadra (23 x 14)
Corner cleat

A497981B



Escuadra 26-2414-C
Corner cleat

A497182B



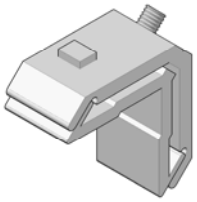
Escuadra 9036/36 P.V.C.
Corner cleat

A497929B

Escuadra alineamiento para hoja
Alignement cleat

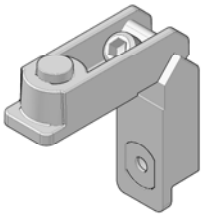
Código
Code

A497466B



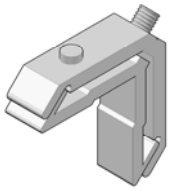
Escuadra 26-2414-90
Corner cleat

A497460B



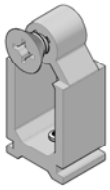
Escuadra 0427
Corner cleat

A495093B



Escuadra 18-1315-C
Corner cleat

A497654B



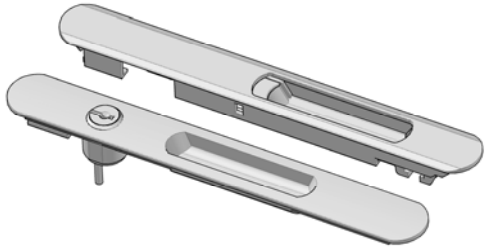
Tope para zanca 1418
Cleat fix (bracket)

Hardwares

Accesorios

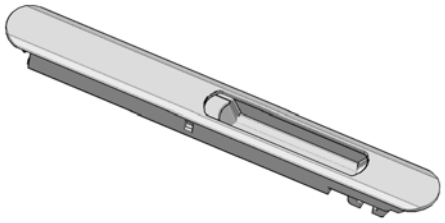
Código
Code

A495412



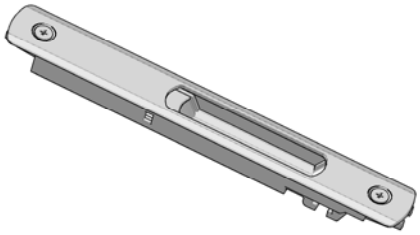
Cierre doble con llave
Double closure with key

A497482



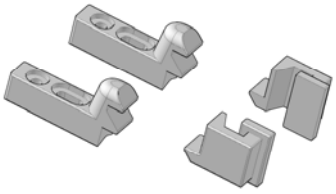
Cierre de clipar
Pressure closure

A497930



Cierre de embutir
Mortise closure

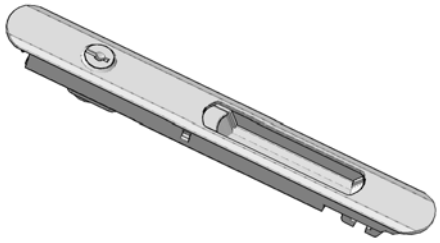
A495411B



Kit de cierre corte perimetral con microventilación
Perimeter cut closure kit with microventilation

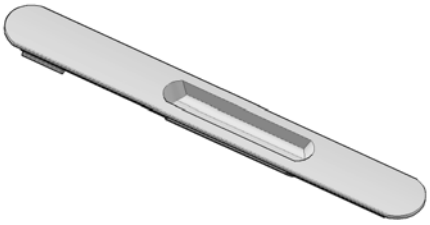
Código
Code

A497398



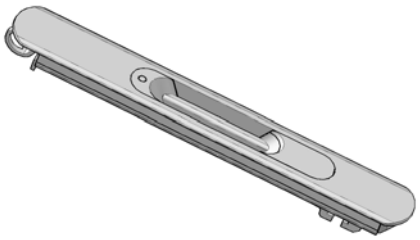
Cierre de clipar con llave
Pressure closure with key

A495413



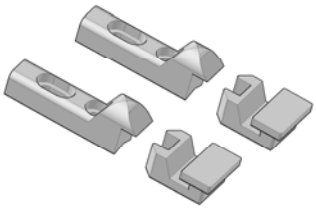
Uñero de embutir gamma
Mortise hangnail

A497073



Cierre con doble muelle (2992)
Closure with double spring

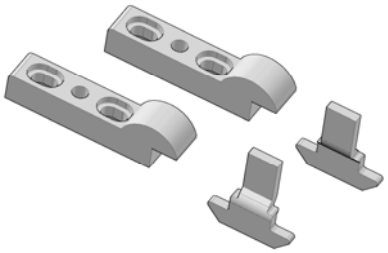
A497968B



Kit cierre corte perimetral (2251014)
Perimeter cut closure kit

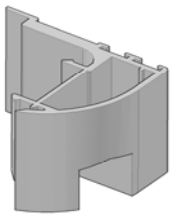
Código
Code

A497933B



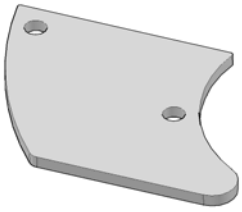
Kit cierre corte recto (2290111)
Straight cut closure kit

A497408B



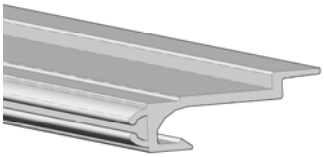
Tapeta hoja central 12010
Central sash cover

A495073B



Tapeta tirador
Handle cover

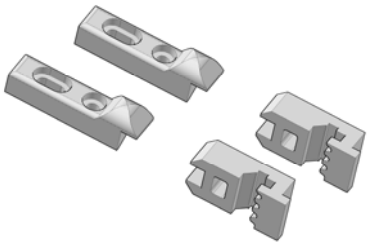
A497233B



Engatillado para 8175 (862.341R1)
Interlock plastic profile

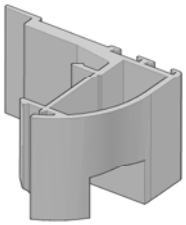
Código
Code

A497205B



Gancho para cierre A497073
Hook for closure A497073

A497409B

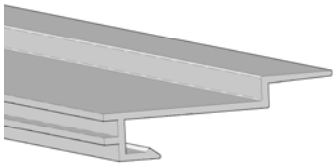


Tapeta hoja central 9036
Central sash cover

A497176B

Tapa hoja refuerzo (7093471)
Reinforcement sash cover

A497877B



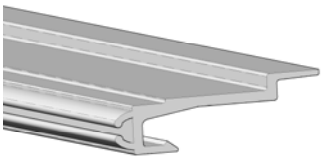
Engatillado T-488
Interlock plastic profile

Hardwares

Accesorios

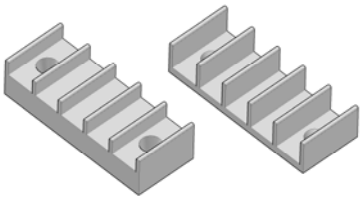
Código
Code

A497235B



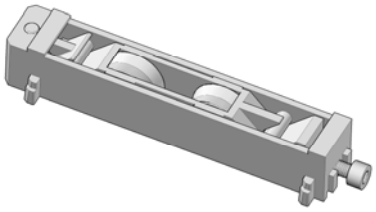
Engatillado para 8174 (861.364R1)
Interlock plastic profile

A497911B



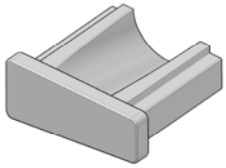
Juego cortavientos (3011)
Windbreak set

A497926B



Rueda corte perimetral (M-645-A)
Perimetral cut roller

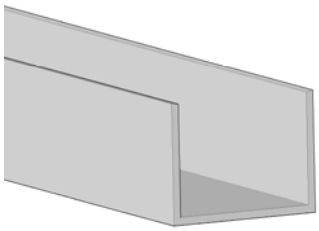
A497534B



Tope goterón
Raindrop top

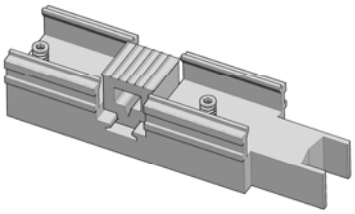
Código
Code

A497876B



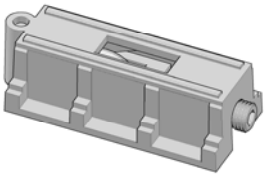
U de PVC (T006)
PVC U

A495072B



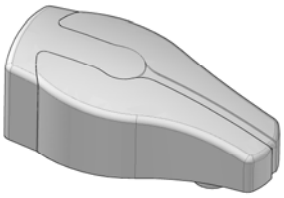
Tope amortiguador (GA-3629)
Straight cur roller

A497901B



Rueda simple (5063)
Single roller

A4000056



Tope para corredera
Stop for slide

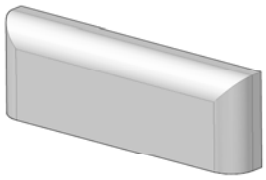
Código
Code

A495414B

Tapeta de desagüe curvo
Drain curved cover

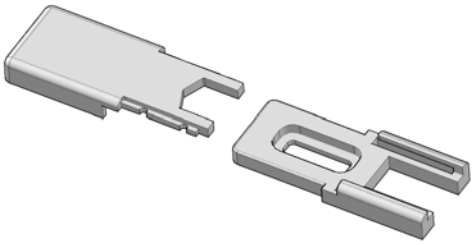
Código
Code

A497647B



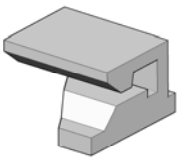
Tapeta de desagüe recto
Drain straight cover

A497071B



Tapeta hoja central S-75 (TAP43)
Central sash cover

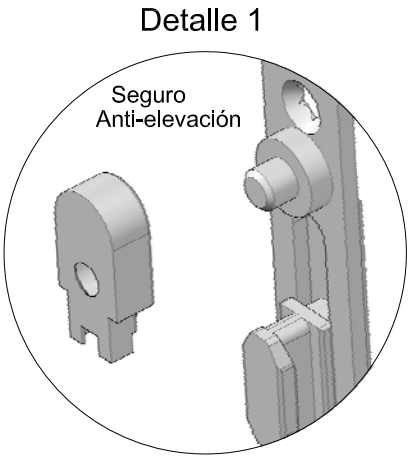
A497666B

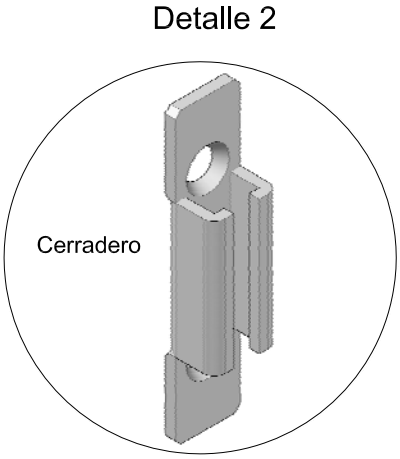


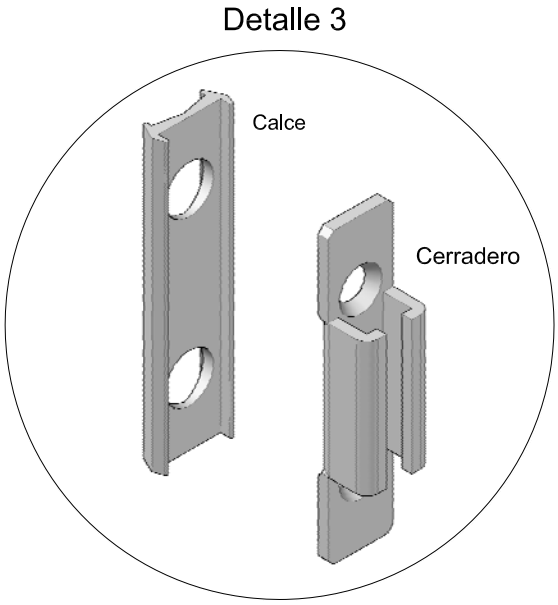
Grapa de junquillo redondo
Clamp round glazing bead

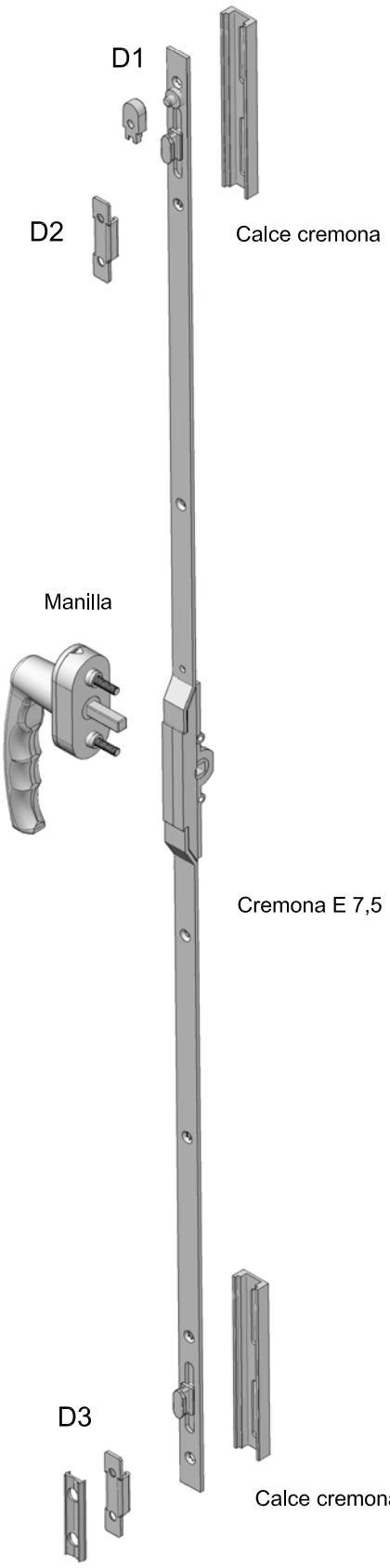
Herrajes necesarios

Cant.	Denominación			Referencia
1	Cremona Entrada 7,5			
	Long.	Nº Bulones	Cota Manilla	
	125	1	--	A494150B
	600	2	300	A494095B
	1000	2	500	A494098B
	1800	3	900	A494073B
	Calce de Apoyo Cremona			
1	Cremona 125			A494074B
2	Cremona 600			
3	Cremona 1000			
5	Cremona 1800			
1,2,3 ó 4	Cerradero Standard			A494076B
1,2,3 ó 4	Calce Cerradero			A494077B
1	Seguro Anti-elevación			A494075B
1	Manilla			A494170





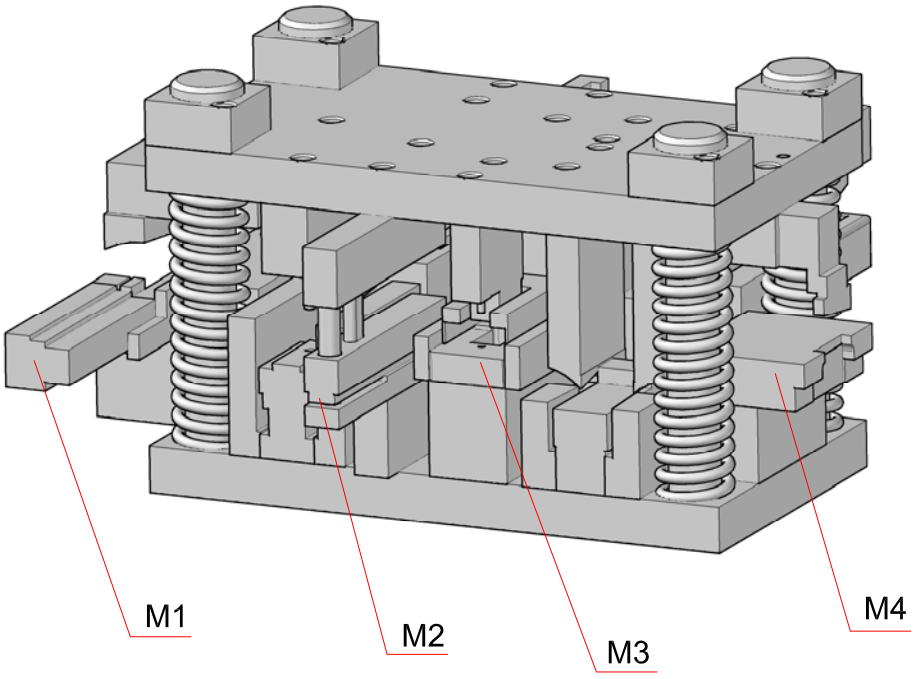


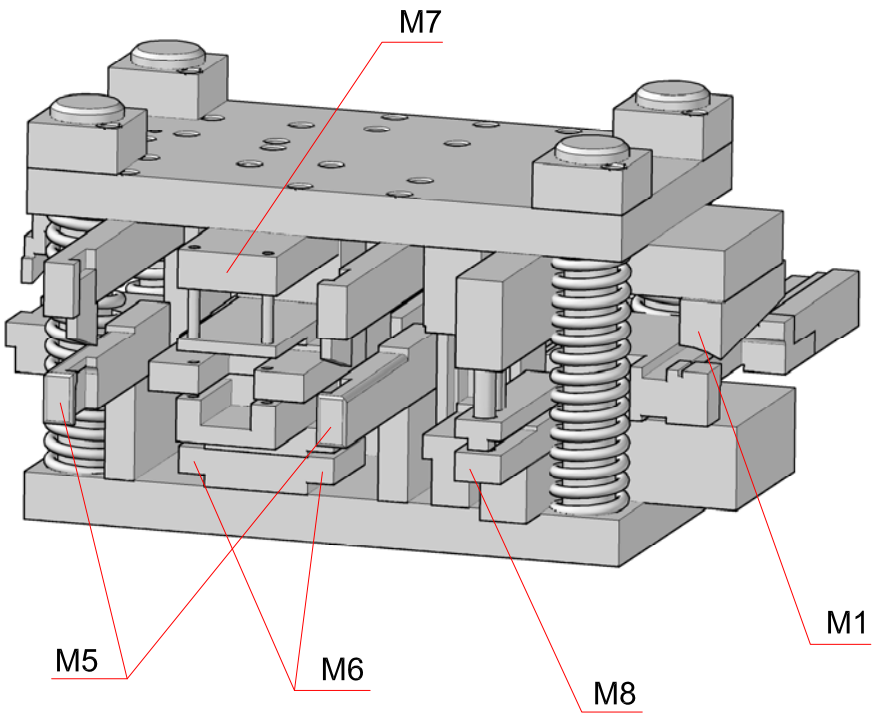


Troquel — Punch machine

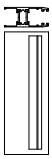
A498026B

Troquel L-86

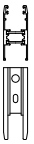




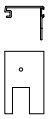
M1
Mecanizado para el cierre



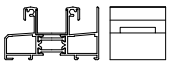
M2
Mecanizado escuadras
A497182B y A497460B



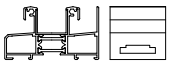
M3
Mecanizado engatillados
9039 y 12011



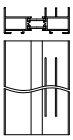
M4
Mecanizado desagüe carril



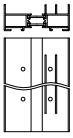
M5
Mecanizado desagües
frontales marco



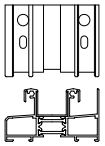
M6
Mecanizado corte pestañas
marco lateral

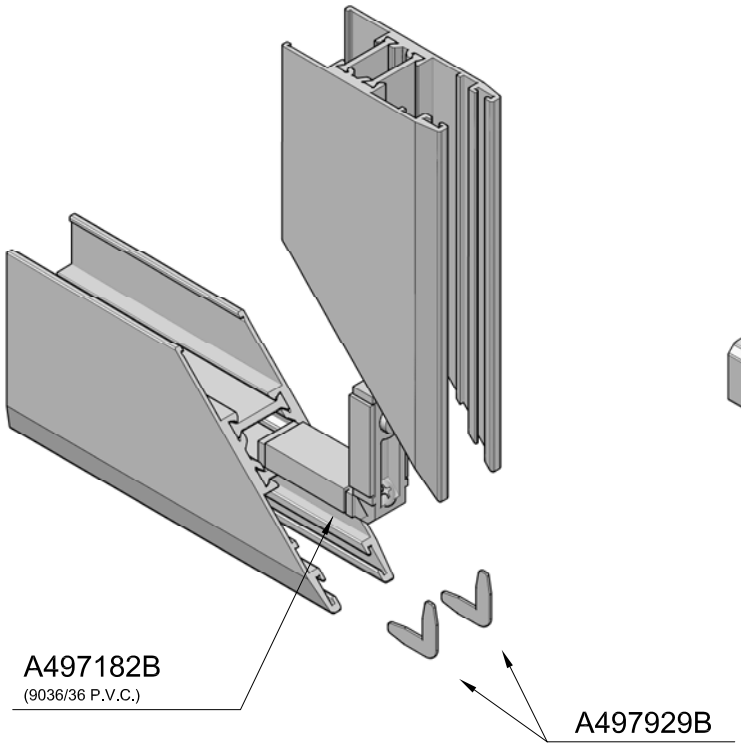


M7
Mecanizado taladros
marco lateral



M8
Mecanizado escuadra
tetón retractil

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(9036/36 P.V.C.)
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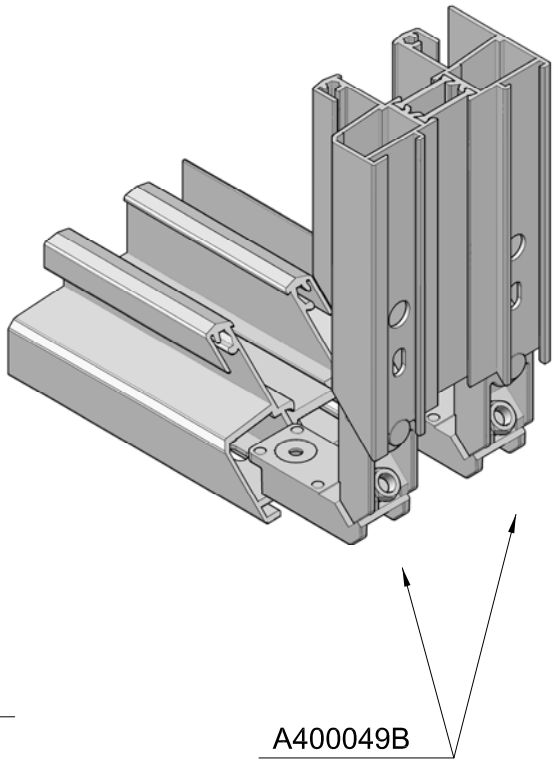
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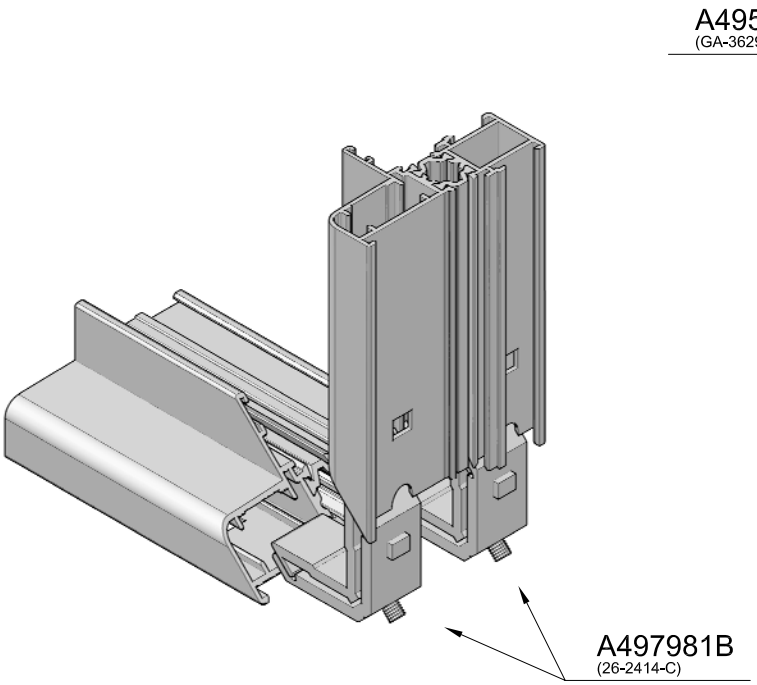
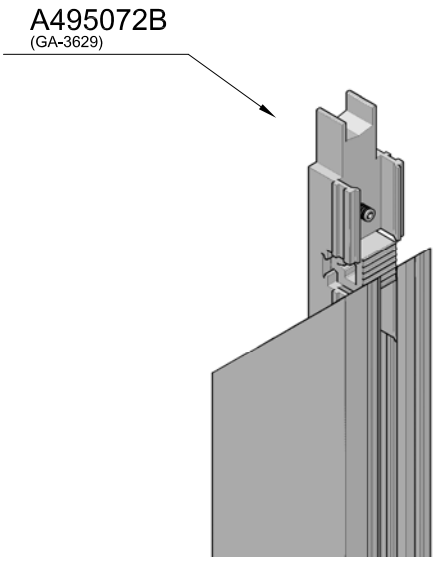

A497981B
(26-2414-C)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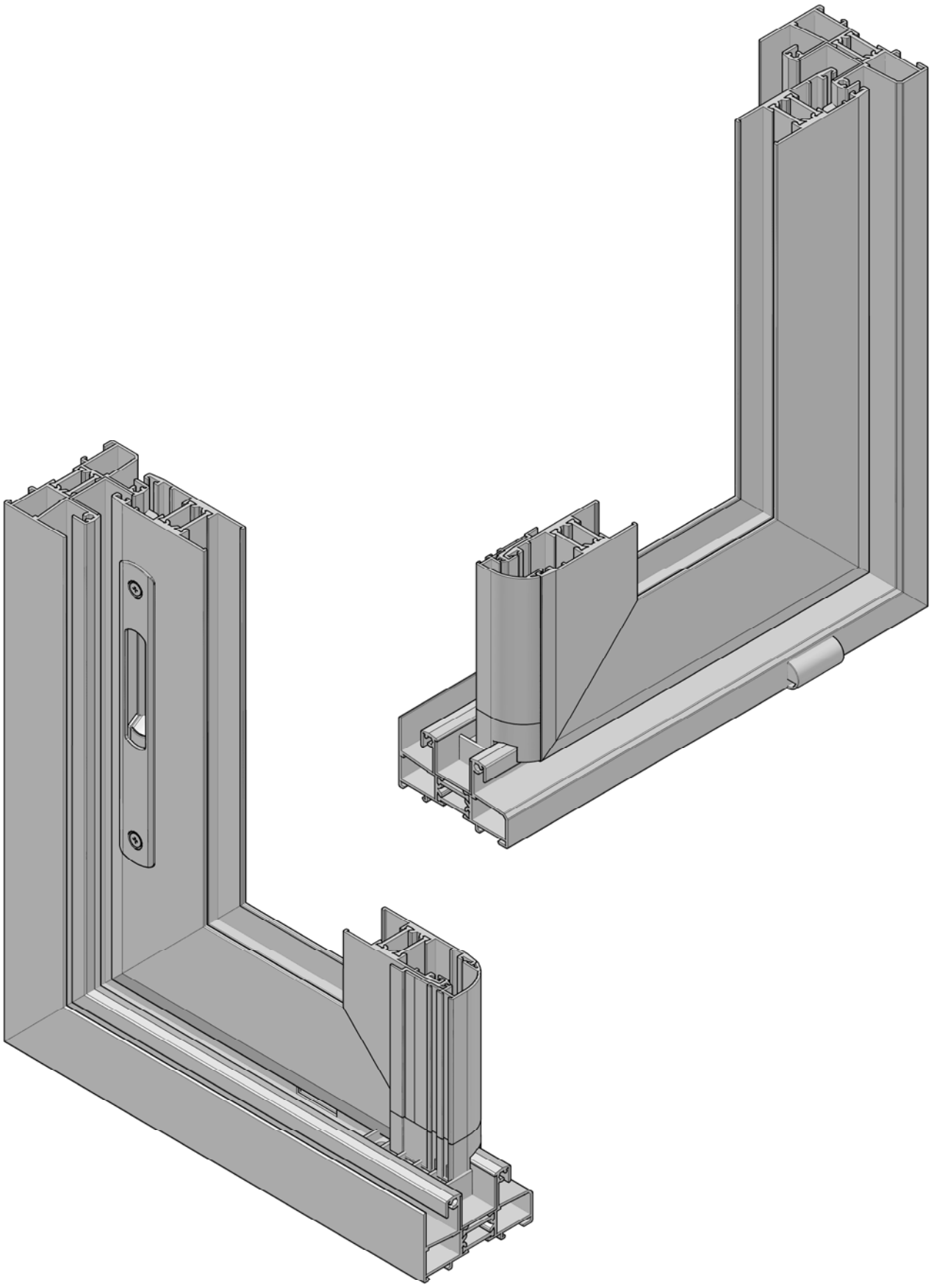
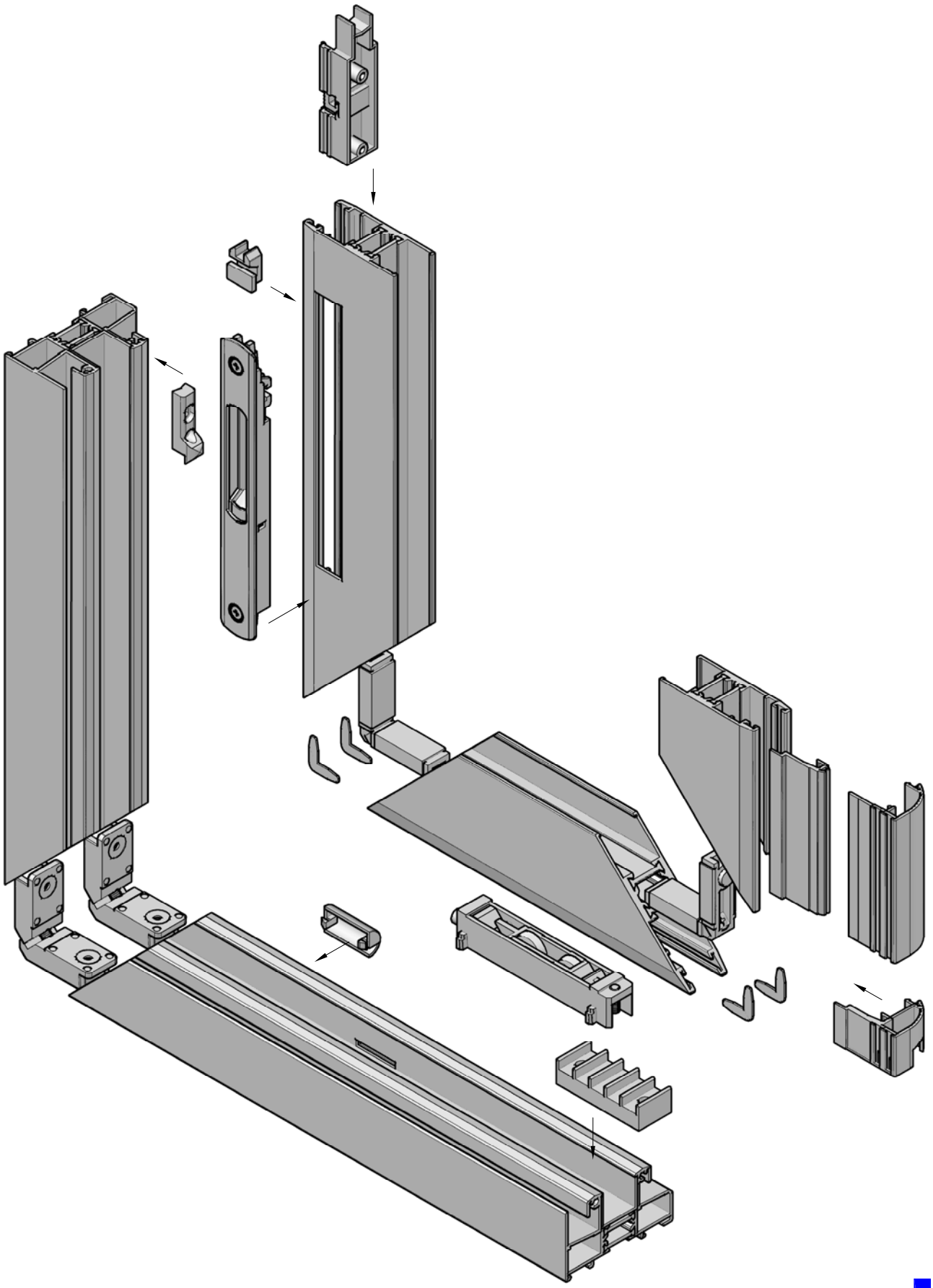
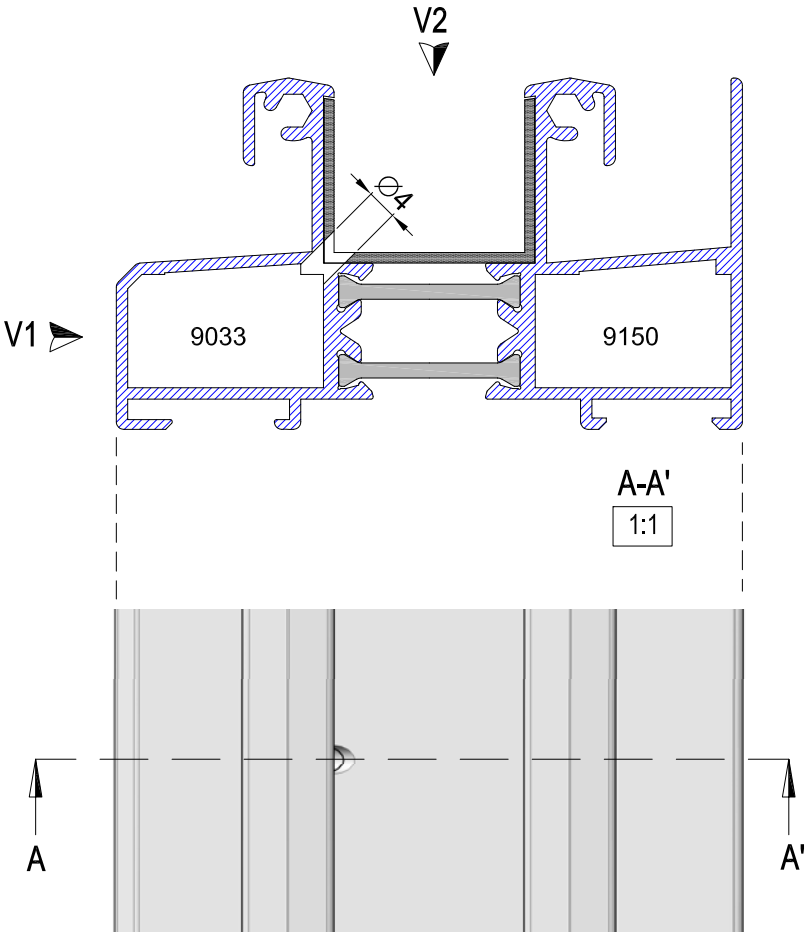
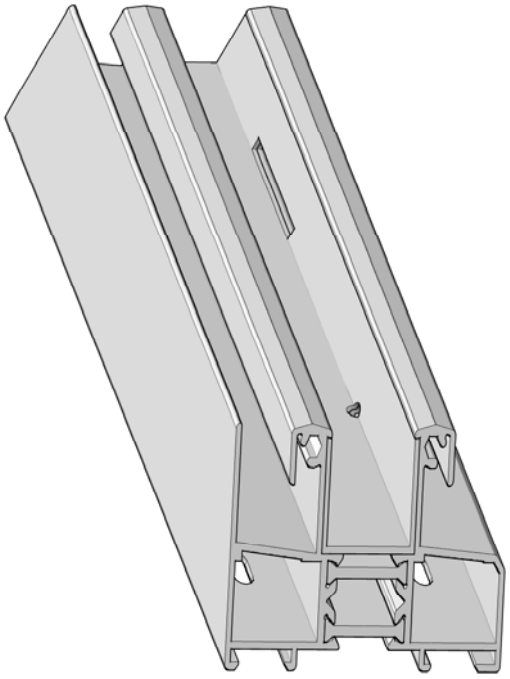
(GA-3629)

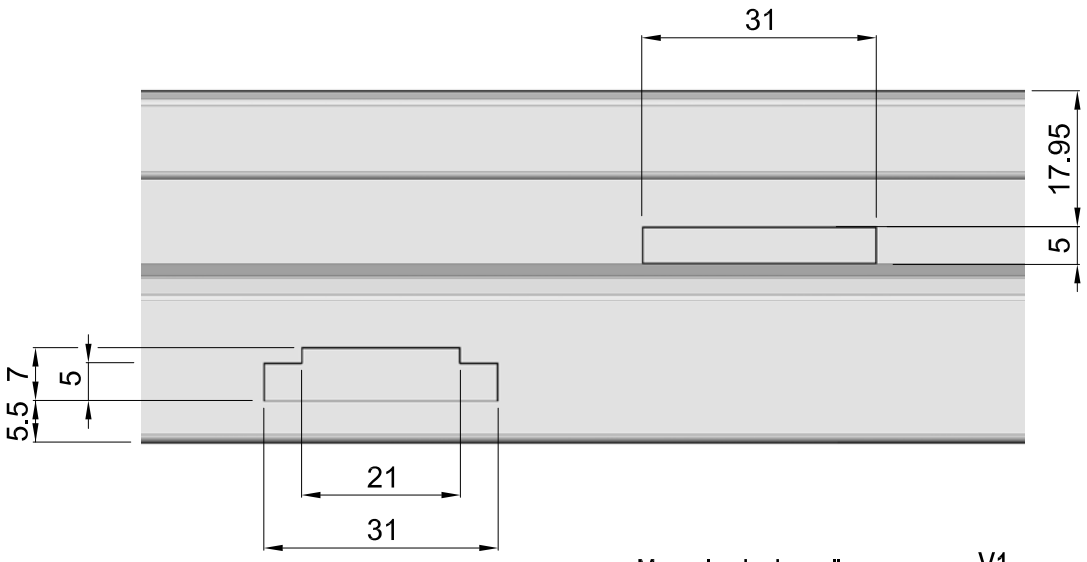




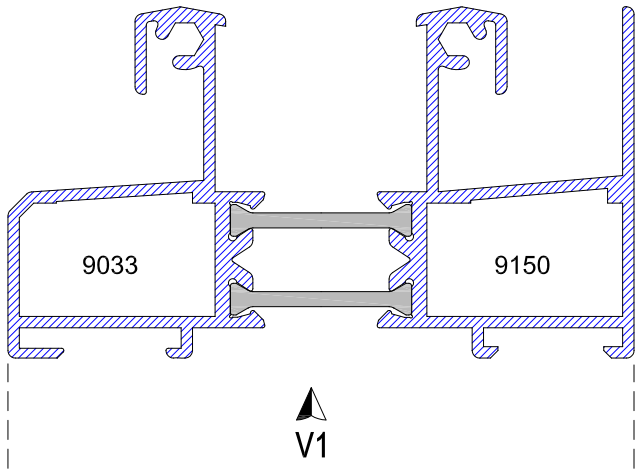




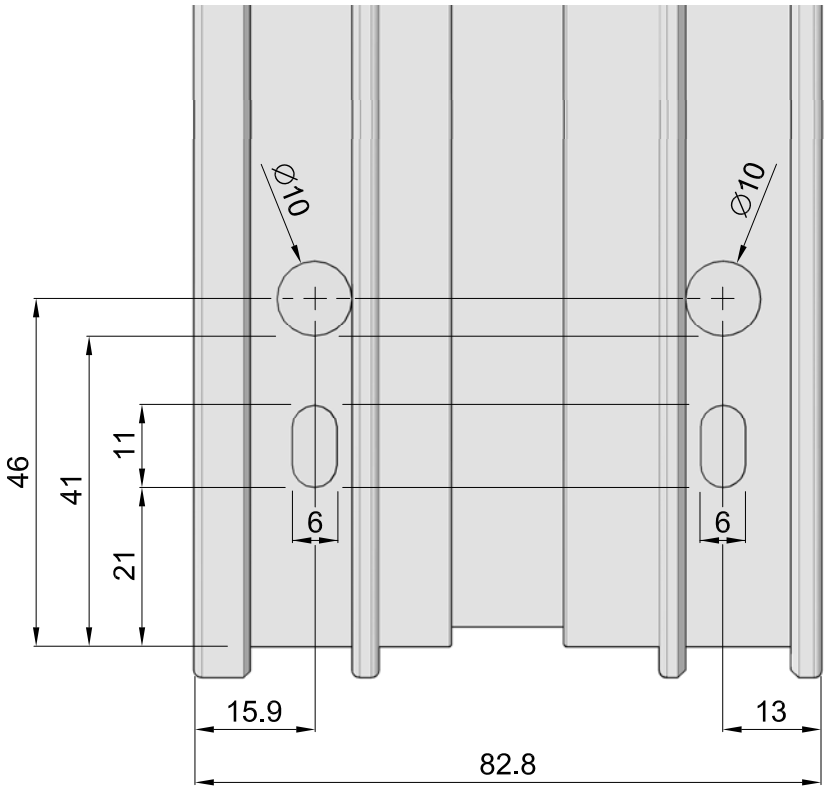
Mecanizado desagüe canal marco V2
1:1



Mecanizado desagüe marco V1
M4 Y M5
1:1

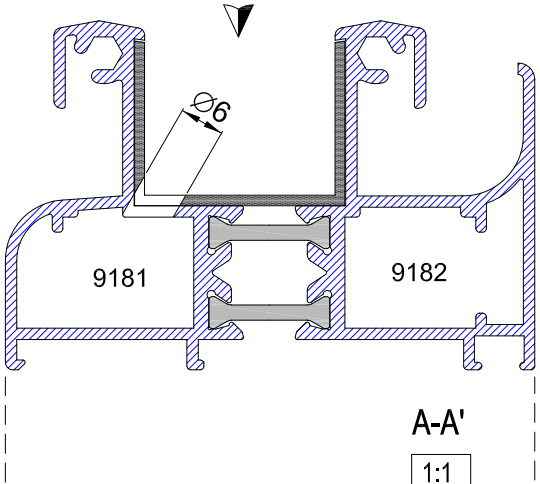


V1



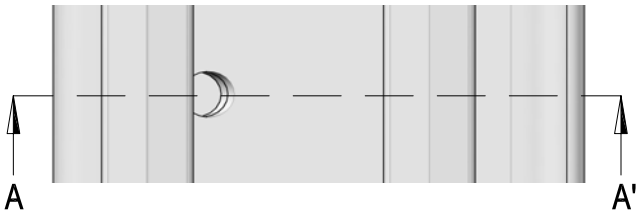
Mecanizado escuadra de tetón retráctil marco M8 — V1 — 1:1

V2

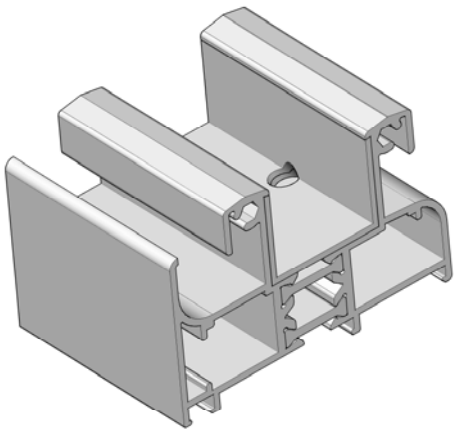


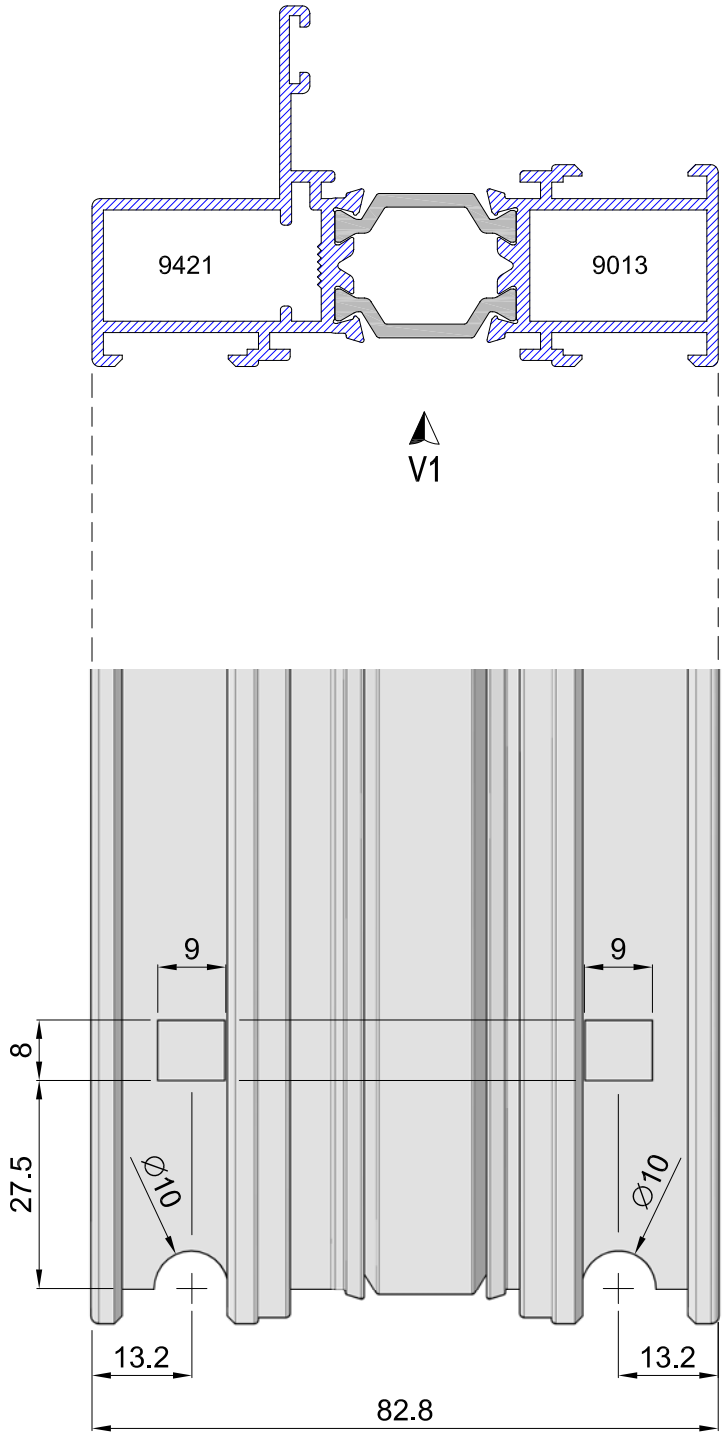
A-A'

1:1

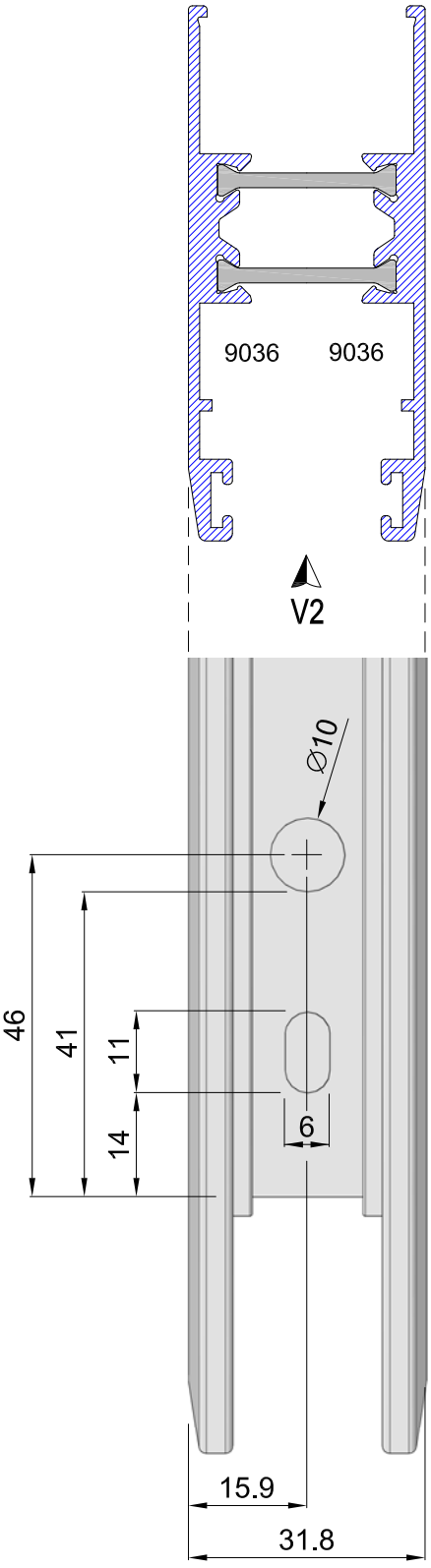


Mecanizado desagüe marco — V2 — 1:1

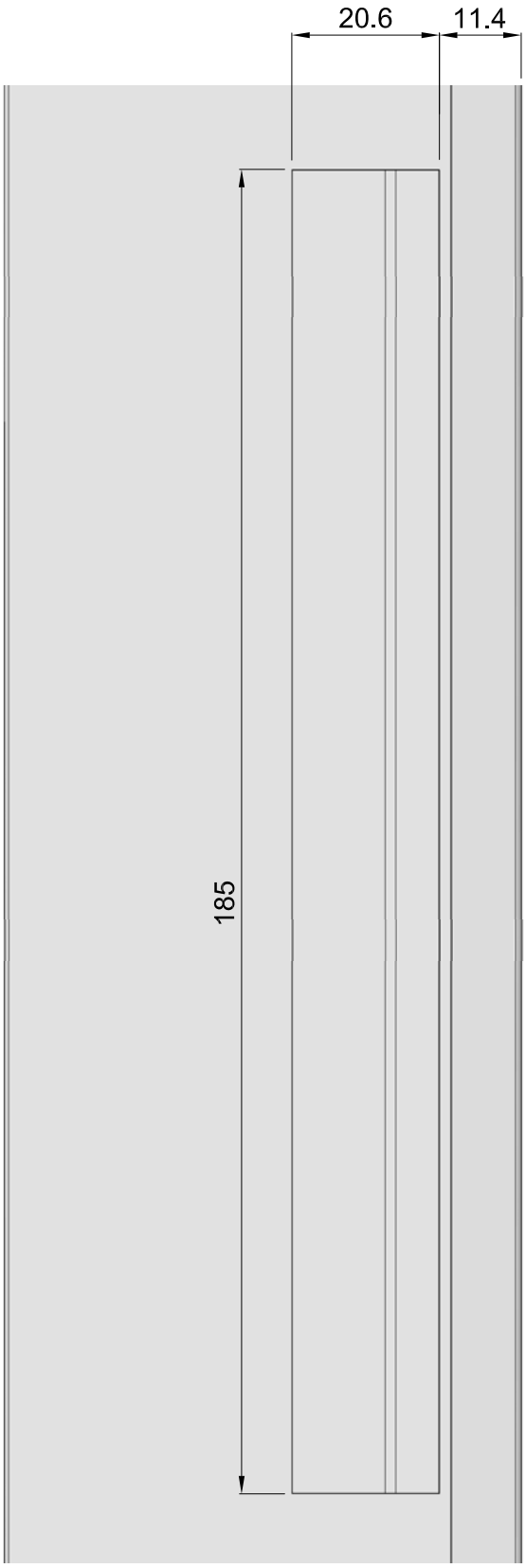




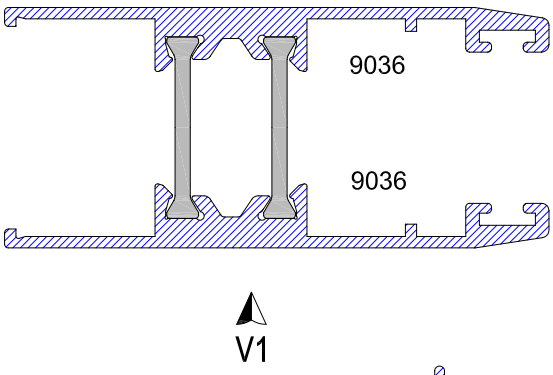
Mecanizado escuadra de vértice marco V1 1:1

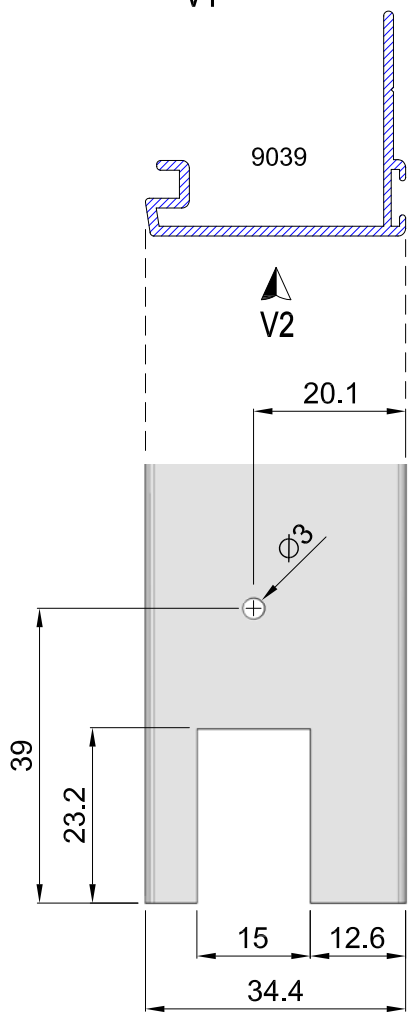


Mecanizado escuadra de tetón retráctil hoja V2 M2 1:1

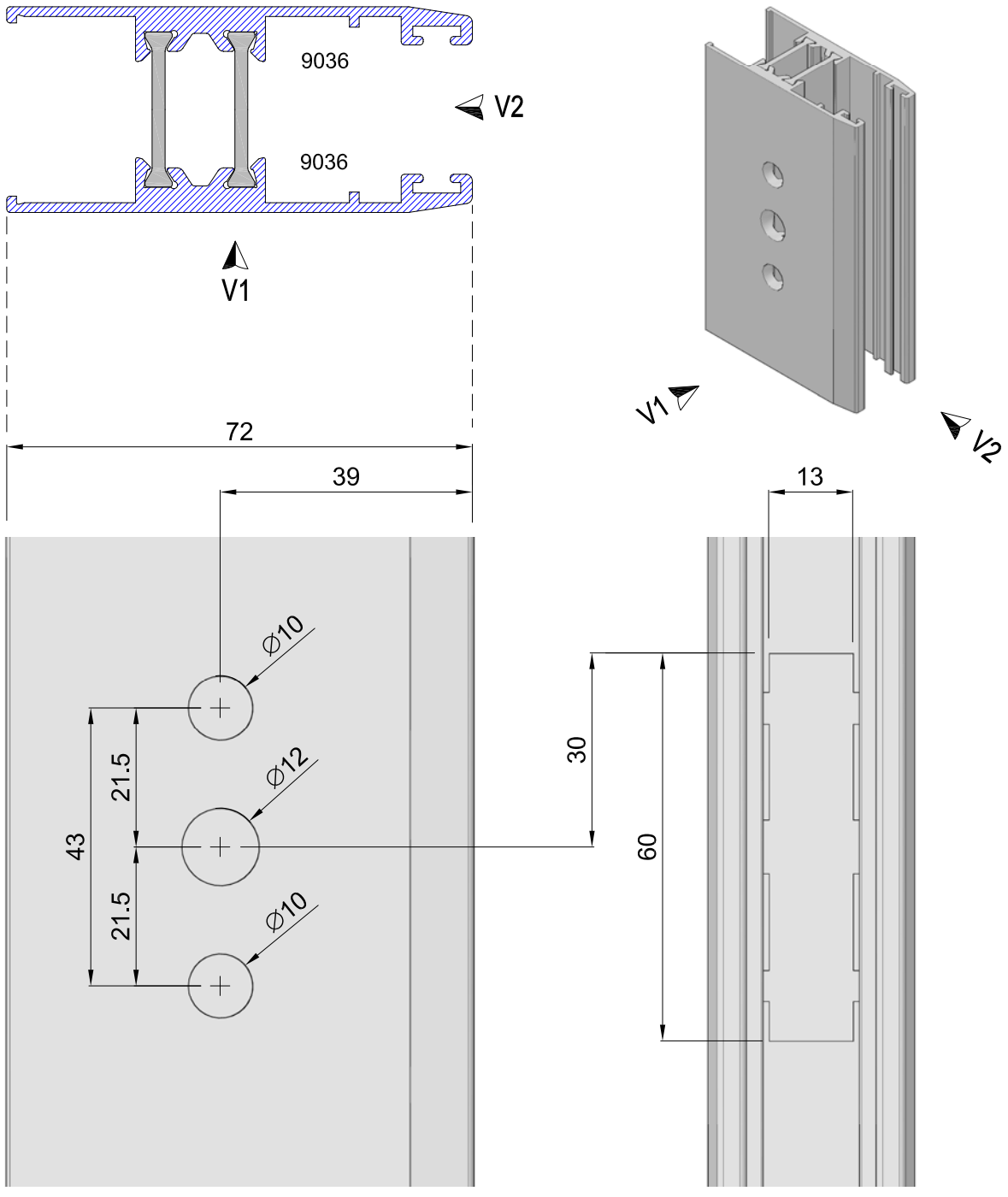


Mecanizado cierre hoja V1
M1 1:1





Mecanizado engatillado V2
M3 1:1



Mecanizado cierre multipunto V1

1:1

Mecanizado cierre multipunto V2

1:1

Aluminio en arquitectura e industria soluciones y diseño

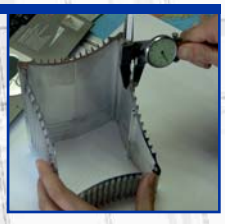
El Concepto **extrugasa** se apoya en tres pilares básicos que son los principales para el desarrollo de carpinterías con proyección y futuro:

- El **ahorro de energía**, ya que una carpintería de RPT con perfiles de aluminio bien concebida, y bien fabricada, junto a una buena instalación, es un factor determinante para conseguir un ahorro de energía eficaz.

- El **reciclado de los recortes de producción de los perfiles aluminio**, junto con los recortes que nos entregan los clientes, más la retirada del mercado de perfiles obsoletos permite, evidentemente, reducir la energía necesaria para la producción de nuevo material a nuestros proveedores, y mantener un perfecto equilibrio en el medio ambiente.

- **Optimización de los componentes de la materia prima**. Siendo el aluminio más puro nos permite garantizar una durabilidad y un envejecimiento mucho más tardío, lo cual nos garantiza que en las obras con cerramientos de aluminio, la existencia de degradación sea nula.

Extrugasa símbolo de calidad y desarrollo constante



Certificados de Calidad

LRQA

CERTIFICADO DE APROBACIÓN

EXTRUGASA TRANSFORMACIÓN, S.A.
Valga, Pontevedra
España

ISO 9001:2008

Extrusionado de perfiles de aluminio.

CERTIFICADO DE LICENCIA

AUTORIZACIÓN PARA EL USO DE LA MARCA DE CALIDAD

QUALIDECO

DECORADOR

EXTRUSIONADOS GALICIA, S.A. (EXTRUGASA)
Apartado 51, Puentecesures
ES-36646 Campaña-Valga (Pontevedra)
Número de Licencia: ES-0006F

Fecha de emisión de la licencia: 31.05.2001
Período de validez de la licencia: hasta el 31.12.2014

QUALICOAT

Autorización
para el uso de la marca de calidad

EUROPEAN ALUMINIUM ASSOCIATION QUALANOD

Qualanod

Extrusionados Galicia S.A. (EXTRUGASA)
Campaña, s/n - Apdo 51
Puentecesures
ES – 36645 Campaña-Valga (Pontevedra)

Numero de licencia: 1032

Fecha de emisión de la licencia: 07.12.2001
Período de validez de la licencia: hasta el 31.12.2014

Autorización
para el uso de la marca de calidad

QUALICOAT

Extrusionados Galicia S.A. (EXTRUGASA)
Campaña, s/n - Apdo 51
Puentecesures
ES – 36645 Campaña-Valga (Pontevedra)

Numero de licencia: 424

Fecha de emisión de la licencia: 05.11.1992
Período de validez de la licencia: hasta el 31.12.2014

extrugasa se reserva la posibilidad de aportar las modificaciones que crea oportuno a los productos presentes en este catálogo sin ningún preaviso. Este catálogo anula los anteriores.

FABRICA Y OFICINAS

Campaña s/n CP: 36645
Valga PONTEVEDRA
Tlfno: +34 986 56 40 09

Dto. Administración
Fax: +34 986 55 64 39
comercial@extrugasa.com

Dto. Pedidos
Fax: +34 986 55 71 74
pedidos@extrugasa.com

Dto. Técnico
Fax: +34 986 55 71 74
tecnico@extrugasa.com

EXPORTACIONES

Tlfno: +34 986 56 40 09
Fax: +34 986 56 40 18
export@extrugasa.com

DELEGACIONES

A CORUÑA
Lg. Sigras s/n, 15181 Cambre
Tlfno: 981 67 57 26
Fax: 981 67 64 25
almcambre@extrugasa.com

GERONA
Pol. Ind. S. Feliu de Buixalleu, sector II, nave 7, 17451 Hostalric
Tlfno: 972 86 52 04
Fax: 972 86 54 82
almcatalunya@extrugasa.com

LUGO
Pol. Ind. Louzaneta s/n, 27000 Arieiras
Tlfno: 982 25 05 14
Fax: 982 25 06 10
almlugo@extrugasa.com

ORENSE
Pol. Ind. S. Ciprián de Viñas C/9, nº 15 32001 San Ciprian de Viñas
Tlfno: 988 25 66 65
Fax: 988 25 68 21
almorense@extrugasa.com

OVIEDO
Pol. Perogran, Sector la Roza, nave 8, 33420 Granda-Siero
Tlfno: 985 98 53 50
Fax: 985 98 54 12
almasturias@extrugasa.com

PALENCIA
Pol. Ind. de Villamuriel, C/Alemania, parc. 3 y 4, 34190 Villamuriel
Tlfno: 979 76 10 42
Fax: 979 76 10 43
almpalencia@extrugasa.com

PONFERRADA
Pol. Ind. Camponaraya, sect.4, parc. 8, 24410 Camponaraya
Tlfno: 987 46 32 77
Fax: 987 45 04 05
almponferrada@extrugasa.com

SALAMANCA
Pol. Ind. Montalvo 1, C/Nobel, parc. 101, 37008 Salamanca
Tlfno: 923 19 04 28
Fax: 923 19 05 56
almsalamanca@extrugasa.com

VIGO
Camino del Romeu nº 8,36213 Corujo
Tlfno: 986 23 73 37
Fax: 986 23 73 36
almvigo@extrugasa.com

ZARAGOZA
C/Celsa nº 27, 50197 Zaragoza
Tlfno: 976 91 95 99
Fax: 876 26 94 41
almzaragoza@extrugasa.com

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